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CURRENT INDUSTRIAL REPORTS

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Broadwoven Fabrics (Gray)

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FIRST QUARTER 1986

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The statistics in this publication are based on a survey of manufactures and represent total U.S. production of broadwoven fabrics over 12 inches. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears on page 9.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for the second quarter 1986 will be released on or about August 20, 1986. For further information, contact Customer Service, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1. SUMMARY OF PRODUCTION DATA FOR BROADWOVEN GRAY FABRICS, BY TYPE OF FABRIC: 1982 TO 1986

(Millions of square yards)

Year	Chiefly cotton fabrics	Manmade fiber fabrics, including silk and manmade/wool blends	Chiefly wool fabric	Tire cord and tire cord fabrics
1986				
First quarter	1,042.4	2,816.8	37.4	113.7
1985				
Fourth quarter	955.4	2,696.4	34.0	112.2
Third quarter	933.0	2,652.6	24.3	107.9
Second quarter	1,001.7	2,685.7	39.5	129.5
First quarter	1,030.3	2,761.9	40.6	145.9
1984				
Fourth quarter	955.2	2,878.2	36.7	143.0
Third quarter	946.6	2,921.5	29.7	135.4
Second quarter	1,031.5	3,026.3	44.3	146.3
First quarter	1,068.8	3,026.4	48.6	139.9
1983				
Fourth quarter	1,040.2	3,142.9	37.0	144.2
Third quarter	1,032.4	2,801.4	28.8	136.2
Second quarter	1,052.0	2,826.9	41.8	134.3
First quarter	1,067.5	2,689.5	36.0	128.0
1982				
Fourth quarter	986.8	2,476.5	23.6	110.0
Third quarter	868.2	2,322.9	20.2	112.7
Second quarter	960.5	2,442.5	36.3	127.9

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Bob Reinard, (301) 763-4476.

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Table 2. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF COTTON BROADWOVEN GRAY FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	Chiefly cotton fabrics mixed mainly or solely with manmade fibers	42,242	1,042,440
	Plain weaves	22,538	590,462
2211B 80	Tobacco, cheese, and bandage cloth	5,324	328,913
2211B 10	Print cloth	7,912	95,256
2211B 20	Poplin and broadcloth	2,189	41,690
2211B 40	Lawns, voiles, and batistes	(D)	(D)
2211B 70	Duck	766	13,845
2211B 44	Bedsheeting	3,450	54,468
2211B 50	Osnaburgs	(D)	(D)
2211B 60	All other sheeting	2,188	41,738
	Twill weaves	5,932	235,614
2211C 80	Blue denim	3,353	161,185
2211C 10	All other denim	569	23,329
2211C 21	Canton flannels	365	6,687
2211C 30	All other twill weaves	1,645	44,413
	All other weaves	4,702	80,476
2211D 80	Sateens	494	6,385
2211D 11	Oxfords	1,127	34,998
2211D 31	Birdseye diaper cloth	528	9,124
2211D 40	Table damask	(D)	(D)
2211D 51	Jacquard and dobby shirting fabrics	(D)	(D)
2211D 60	All other weaves, including tape warp duck	1,572	23,057
	Pile fabrics	9,070	135,888
2211E 80	Corduroy	(D)	(D)
2211E 20	Velvets, plushes, and other pile fabrics	(D)	(D)
2211E 31	Terry toweling and terry cloth	6,417	91,419
2211F 01	Chiefly cotton fabrics mixed mainly or solely with other than manmade fibers, i.e., ramie, etc.	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 3. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF MANMADE FIBER AND SILK BROADWOVEN GRAY FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	Manmade fiber and silk gray broadwoven fabrics	97,256	2,816,817
	85 percent or more filament yarn fabrics, except silk	28,795	1,318,756
2221* **	High tenacity yarn fabrics	1,416	23,723
	85 percent or more acetate or triacetate filament yarns	7,697	114,317
	85 percent or more rayon filament yarn fabrics	(D)	(D)
	Other chiefly rayon and/or acetate filament yarn fabrics	1,863	29,673
	85 percent or more nylon filament yarn fabrics	3,886	77,372
	Other chiefly nylon filament fabrics	(D)	(D)
22212 40	Chiefly polyester fabrics	6,398	217,369
22212 80	All other chiefly filament yarn fabrics, including yarn obtained from strip	6,732	843,834
	85 percent or more spun yarn fabrics, except silk and manmade/wool blends	54,940	1,139,140
2221* **	85 percent or more spun polyester	1,720	60,739
2221* **	Chiefly spun polyester mixed with cotton	43,679	914,192
2221* **	All other 85 percent or more spun yarn fabarics, except silk	9,541	164,209
	Pile fabrics	(D)	(D)
22216 00	Spun/filament yarn combinations	11,789	329,963
2221F 01	Silk fabrics	300	1,237
2221* **	Manmade/wool blends, chiefly manmade	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS (INCLUDES YARN DYED FABRIC)

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	Plain weaves	71,670	1,627,443
	Tobacco, cheese, and bandage cloth	5,895	363,651
2211B 01	85 percent or more cotton	5,324	328,913
2211B 03	All other chiefly cotton blends		
2221B 01	85 percent or more spun polyester	(D)	(D)
2221B 03	Chiefly spun polyester mixed with cotton	(D)	(D)
2221B 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 01	Spun/filament yarn combinations	(D)	(D)
	Print cloth	23,550	367,326
2211B 11	85 percent or more cotton	7,912	95,256
2211B 13	All other chiefly cotton blends		
2221B 11	85 percent or more spun polyester	(D)	(D)
2221B 13	Chiefly spun polyester mixed with cotton	9,407	154,837
2221B 15	Chiefly spun polyester mixed with rayon	4,140	63,701
2221B 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 05	Spun/filament yarn combinations	1,066	38,112
	Poplin and broadcloth	14,098	342,444
	More than 50 percent cotton	2,189	41,690
	Weighing 5.9 ounces or less per square yard	1,800	26,738
2211B 21	Carded	1,270	17,668
2211B 25	Combed	530	9,070
	Weighing more than 5.9 ounces per square yard	389	14,952
2211B 31	Carded	35	1,486
2211B 33	Combed	354	13,466
2221B 21	85 percent or more spun polyester	(D)	(D)
	Chiefly spun polyester mixed with cotton	9,820	240,233
	Weighing 5.0 ounces or less per square yard	8,622	205,996
2221B 23	Carded	6,320	144,722
2221B 25	Combed	2,302	61,274
	Weighing more than 5.0 ounces per square yard	1,198	34,237
2221B 27	Carded	184	5,344
2221B 31	Combed	1,014	28,893
2221B 33	All other fabrics, 85 percent or more spun yarn	(D)	(D)
	Spun/filament yarn combinations	1,290	41,542
22216 17	Weighing 5.0 ounces or less per square yard	1,290	41,542
22216 21	Weighing more than 5.0 ounces per square yard		
	Lawns, voiles, and batistes	2,081	23,923
2211B 41	More than 50 percent cotton	(D)	(D)
2221B 41	Chiefly spun polyester mixed with cotton	(D)	(D)
2221B 42	All other fabrics, 85 percent or more spun yarn	-	-
22216 28	Spun/filament yarn combinations	562	15,400
	Duck, except tape warp	1,557	35,526
	Single warp	884	23,025
2211B 71	More than 50 percent cotton	377	6,936
2221B 87	85 percent or more spun polyester	(D)	(D)
2221B 89	Chiefly spun polyester mixed with cotton	157	3,251
2221B 91	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 70	Spun/filament yarn combinations	(D)	(D)
	Plied warp	673	12,501
2211B 73	More than 50 percent cotton	389	6,909
2221B 93	85 percent or more spun polyester	59	1,554
2221B 95	Chiefly spun polyester mixed with cotton	(D)	(D)
2221B 97	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 74	Spun/filament yarn combinations	(D)	(D)
	Bedsheeting	18,699	356,515
2211B 45	More than 50 percent cotton	3,450	54,468
	Chiefly spun polyester mixed with cotton	13,175	243,477
2221B 43	Carded	2,771	67,256
2221B 45	Combed	10,404	176,221
2221B 47	All other fabrics, 85 percent or more spun yarn	-	-
22216 32	Spun/filament yarn combinations	2,074	58,570
	Osnaburgs	1,151	35,098
2211B 51	More than 50 percent cotton	(D)	(D)
2221B 53	Chiefly spun polyester mixed with cotton	538	20,635
2221B 57	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 33	Spun/filament yarn combinations	-	-

See footnotes at end of table.

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS (INCLUDES YARN DYED FABRIC)--Continued

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	All other sheeting	4,639	102,960
	More than 50 percent cotton	2,188	41,738
2211B 61	Weighing 5.9 ounces or less per square yard	1,220	25,519
	Weighing more than 5.9 ounces per square yard	968	16,225
2211B 63	Blanketing	754	13,709
2211B 65	All other fabric	214	2,516
	85 percent or more spun polyester	331	13,673
2221B 63	Blanketing	190	11,429
2221B 65	All other fabric	141	2,244
	Chiefly spun polyester mixed with cotton	1,112	21,860
2221B 73	Weighing 5.0 ounces or less per square yard	1,024	19,434
2221B 75	Weighing more than 5.0 ounces per square yard	88	2,426
	Chiefly spun acrylic	(D)	(D)
2221B 81	Blanketing	307	10,376
2221B 83	All other fabric	(D)	(D)
2221B 85	All other fabrics, 85 percent or more spun yarn	(D)	(D)
	Spun/filament yarn combinations	231	6,303
	Weighing 5.0 ounces or less per square yard	(D)	(D)
22216 37	Textured and/or high twist	189	5,131
22216 39	All other	(D)	(D)
	Weighing more than 5.0 ounces per square yard	(D)	(D)
22216 41	Textured and/or high twist	-	-
22216 43	All other	(D)	(D)
	Twill weaves	13,035	435,209
	Blue denim	3,573	172,618
	More than 50 percent cotton	3,353	161,185
2211C 01	Weighing 10.7 ounces or less per square yards	770	37,290
2211C 03	Weighing more than 10.7 ounces per square yard	2,583	123,895
2221C 03	Chiefly spun polyester mixed with cotton	(D)	(D)
22216 51	Spun/filament yarn combinations	(D)	(D)
	All other denim	939	33,359
	More than 50 percent cotton	569	23,329
2211C 11	Weighing 10.7 ounces or less per square yards	401	17,069
2211C 13	Weighing more than 10.7 ounces per square yard	168	6,260
2221C 13	Chiefly spun polyester mixed with cotton	(D)	(D)
22216 49	Spun/filament yarn combinations	(D)	(D)
2211C 21	Canton flannels	365	6,687
	All other twill weaves	8,158	222,545
	More than 50 percent cotton	1,645	44,413
2211C 31	Weighing 5.9 ounces or less per square yards	797	17,669
2211C 33	Weighing more than 5.9 ounces per square yard	848	26,744
2221C 21	85 percent or more spun polyester	125	4,351
	Chiefly spun polyester mixed with cotton	4,160	120,340
2221C 23	Weighing 5.0 ounces or less per square yard	1,870	34,907
2221C 25	Weighing more than 5.0 ounces per square yard	2,290	85,433
2221C 27	All other fabrics, 85 percent or more spun yarn	1,102	16,112
	Spun/filament yarn combinations	1,126	37,325
22216 52	Weighing 5.0 ounces or less per square yard	783	30,022
22216 56	Weighing more than 5.0 ounces per square yard	343	7,303
	All other weaves	15,196	313,003
	Sateens	2,016	60,947
	More than 50 percent cotton	494	6,385
2211D 01	Weighing 5.9 ounces or less per square yards	47	763
2211C 03	Weighing more than 5.9 ounces per square yard	447	5,622
	Chiefly spun polyester mixed with cotton	607	40,534
2221D 01	Weighing 5.0 ounces or less per square yard	202	5,472
2221D 03	Weighing more than 5.0 ounces per square yard	405	35,062
2221D 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 62	Spun/filament yarn combinations	(D)	(D)
	Oxfords	2,037	49,540
2211D 11	More than 50 percent cotton	1,127	34,998
2221D 11	Chiefly spun polyester mixed with cotton	641	7,987
2221D 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 67	Spun/filament yarn combinations	(D)	(D)

See footnotes at end of table.

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS (INCLUDES YARN DYED FABRIC)--Continued

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
2211D 31	Birdseye diaper cloth	528	9,124
	Table damask	1,169	13,315
2211D 42	More than 50 percent cotton	(D)	(D)
2211D 32	Chiefly spun polyester mixed with cotton	(D)	(D)
2221D 37	All other fabrics, 85 percent or more spun yarn	(D)	(D)
22216 81	Spun/filament yarn combinations	-	-
	Jacquard and dobby shirting fabrics	535	7,742
2211D 51	More than 50 percent cotton	(D)	(D)
2221D 41	Chiefly spun polyester mixed with cotton	(D)	(D)
2221D 43	All other fabric, 85 percent or more spun yarn	(D)	(D)
22216 85	Spun/filament yarn combinations	(D)	(D)
	All other weaves, including taped warp duck	8,911	172,335
	More than 50 percent cotton	1,572	23,057
2211D 61	Weighing 5.9 ounces or less per square yard	261	3,897
2211D 63	Weigning more than 5.9 ounces per square yard	1,311	19,160
2221D 51	85 percent or more spun polyester	436	6,555
	Chiefly spun polyester mixed with cotton	1,501	19,569
2221D 53	Weighing 5.0 ounces or less per square yard	905	11,710
2221D 55	Weighing more than 5.0 ounces per square yard	596	7,859
2221D 57	All other fabrics, 85 percent or more spun yarn	1,010	17,615
	Spun/filament yarn combinations	4,392	105,539
22216 88	Weighing 5.0 ounces or less per square yard	894	19,296
22216 89	Weighing more than 5.0 ounces per square yard	3,498	86,243
	Pile fabrics	9,930	149,272
	Corduroy	2,764	49,125
	More than 50 percent cotton	(D)	(D)
2211E 01	Finewales and pinwales	1,435	21,345
2211E 03	Midwales	564	13,212
2211E 05	Thicksets	(D)	(D)
2211E 07	Widewales and other	(D)	(D)
2221E 01	Chiefly manmade fiber	(D)	(D)
	Velvets, plushes, and other pile fabrics	749	8,728
2211E 21	More than 50 percent cotton	(D)	(D)
2221E 21	Chiefly manmade fiber	(D)	(D)
2211E 31	Terry toweling and terry cloth	6,417	91,419

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 5. PRODUCTION AND LOOM ASSIGNMENT OF YARN DYED FABRICS, 85 PERCENT OR MORE SPUN YARN AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON AND/OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND OTHER CHIEFLY COTTON VEGETABLE FIBERS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986			
		Looms operating end of quarter	Production		
			Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric
	Plain weaves	1,868	36,966	23,236	13,730
	Twill weaves	4,898	212,892	705	212,187
	Denim	4,512	205,977	-	205,977
2211C 19	More than 50 percent cotton	3,922	184,514	-	184,514
2221C 19	Chiefly spun polyester mixed with cotton	395	10,724	-	10,724
2221* **	All other, including spun/filament combinations	195	10,739	-	10,739
	All other twill weaves	386	6,915	705	6,210
2211C 30	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221C 20	Chiefly spun ployester mixed with cotton	(D)	(D)	(D)	(D)
2221* **	All other, including spun/filament combinations	(D)	(D)	-	(D)
	All other weaves	2,219	67,104	12,866	54,238
	Pile fabrics	444	4,751	(D)	(D)

Note: These data are included in the data shown in table 4.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 6. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE FILAMENT YARN FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	85 percent or more filament yarn fabrics	28,795	1,318,756
	High tenacity yarn fabrics	1,416	23,723
22211 01	100 percent and chiefly rayon	(D)	(D)
22212 01	100 percent and chiefly nylon	761	11,353
22212 03	100 percent and chiefly polyester	(D)	(D)
	85 percent or more acetate or triacetate filament yarn fabrics	7,697	114,317
	Weighing not more than 5 ounces per square yard	6,931	104,757
22211 21	Plain weave	3,908	60,160
22211 23	Other weaves	3,023	44,597
	Weighing more than 5 ounces per square yard	766	9,560
22211 25	Plain weave	(D)	(D)
22211 27	Other weaves	(D)	(D)
	85 percent or more rayon filament yarn fabrics	(D)	(D)
22211 41	Weighing not more than 5 ounces per square yard	(D)	(D)
22211 43	Weighing more than 5 ounces per square yard	(D)	(D)
	Other chiefly rayon and/or acetate filament yarn fabrics	1,863	29,673
22211 51	Weighing not more than 5 ounces per square yard	222	3,515
22211 53	Weighing more than 5 ounces per square yard	1,641	26,158
	85 percent or more nylon filament yarn fabrics	3,886	77,372
22212 11	Typewriter and other impression fabrics	1,071	20,407
	Other 85 percent or more nylon filament yarn fabrics	2,815	56,965
	Weighing not more than 5 ounces per square yard	2,453	49,078
22212 13	Flat, non-textured	2,355	45,954
22212 15	All other	98	3,124
	Weighing more than 5 ounces per square yard	362	7,887
22212 23	Flat, non-textured	239	4,765
22212 25	All other	123	3,122
	Other chiefly nylon filament fabrics	(D)	(D)
22212 31	Weighing not more than 5 ounces per square yard	244	2,607
22212 33	Weighing more than 5 ounces per square yard	(D)	(D)
	85 percent or more polyester filament yarn fabrics	6,255	215,004
	Textured	4,741	180,259
22212 44	Weighing not more than 5 ounces per square yard	3,404	128,291
22212 50	Weighing more than 5 ounces per square yard	1,337	51,968
	Non-textured	1,514	34,745
	Weighing not more than 5 ounces per square yard	1,349	29,679
22212 61	Flat	1,281	28,393
22212 63	Other	68	1,286
	Weighing more than 5 ounces per square yard	165	5,066
22212 65	Flat	106	2,349
22212 67	Other	59	2,717
22212 73	Other chiefly polyester filament fabrics	143	2,365
	Glass fiber fabrics	2,653	90,257
22212 82	Woven roving and screening	98	6,104
22212 89	All other glass fiber fabrics	2,555	84,153
	All other 85 percent or more filament yarn fabrics, including saran and olefin and fabrics obtained from strip, except rayon and/or acetate	4,099	753,577
22212 91	Carpet backing	2,645	692,780
22212 93	All other	1,454	60,797

(D) Data withheld to avoid disclosing figures for individual companies.

Table 7. PRODUCTION AND LOOM ASSIGNMENT OF UPHOLSTERY FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	Upholstery fabrics	3,362	50,996
	85 percent or more spun yarn	2,888	43,992
	Pile woven	1,184	17,439
2211E 41	All cotton and chiefly cotton	357	1,001
2221E 41	All manmade and chiefly manmade	827	16,438
	Flat woven	1,704	26,553
2211X 01	All cotton and chiefly cotton	166	2,045
	All manmade and chiefly manmade	1,538	24,508
2221X 01	Olefin	149	1,248
2221X 03	All other flat woven manmade fiber fabrics	1,389	23,260
	85 percent or more filament yarn	474	7,004
22212 77	All polyester and chiefly polyester	(D)	(D)
22212 78	All nylon and chiefly nylon	(D)	(D)
22212 98	All olefin and chiefly olefin	(D)	(D)
22212 99	All other filament fiber fabrics	149	1,695

Note: These data are included in the data shown in tables 4 and 6.

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND LOOM ASSIGNMENT OF WOOLEN AND WORSTED FABRICS, INCLUDING CHIEFLY MANMADE/WOOL BLENDS AND CHIEFLY COTTON/WOOL BLENDS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	First quarter 1986	
		Looms operating end of quarter	Production during quarter
	Woolen and worsted fabrics, chiefly wool (except felts)[1]	1,967	37,419
	Apparel fabrics, including government orders	1,775	34,304
	Worsted fabrics	767	17,104
22312 01	Weighing not more than 5.9 ounces per square yard	(D)	(D)
22312 03	Weighing more than 5.9 ounces per square yard, but not more than 8 ounces per square yard	749	16,644
22312 05	Weighing more than 8 ounces per square yard, but not more than 10 ounces per square yard	(D)	(D)
22312 07	Weighing more than 10 ounces per square yard	(D)	(D)
	Woolen fabrics	1,008	17,200
22312 21	Weighing not more than 9 ounces per square yard	(D)	(D)
22312 23	Weighing more than 9 ounces per square yard	(D)	(D)
	Nonapparel fabrics, including government orders (except felts)	192	3,115
22312 62	Blanketing, including thermal	66	868
22312 85	All other fabrics	126	2,247
22312 92	Woven felts (thousands of pounds)	255	2,160
	Chiefly manmade/wool blend and chiefly cotton/wool blend fabrics	(D)	(D)
2221F 12	Chiefly spun polyester mixed mainly or solely with wool	(D)	(D)
2221F 21	All other chiefly spun fibers mixed mainly or solely with wool	(D)	(D)
22216 92	Chiefly filament polyester mixed mainly or solely with wool or spun polyester/wool blends	(D)	(D)
22216 98	All other chiefly filament yarn mixed mainly or solely with wool	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Includes fabrics principally wool or reprocessed wool by weight.

Table 9. PRODUCTION OF TIRE CORD AND TIRE CORD FABRICS: FIRST QUARTER 1986

(Thousands of pounds)

Product code	Product description	Production during quarter
22960 00	Tire cord and tire cord fabrics	113,706
22960 12	Cotton tire cord and tire cord fabrics	(D)
22960 32	Rayon tire cord and tire cord fabrics	(D)
22960 35	Nylon tire cord and tire cord fabrics	43,864
22960 37	Polyester tire cord and tire cord fabrics	30,927
22960 38	Glass tire cord and tire cord fabrics	2,160
22960 45	Steel tire cord	30,141
22960 51	All other tire cord and tire cord fabrics including chafer	4,786

(D) Data withheld to avoid disclosing figures for individual companies.

Table 10. LOOMS IN PLACE AND LOOM HOURS OPERATED IN BROADWOVEN FABRIC MILLS

Product description	First quarter 1986	
	Looms in place (number)	Thousands of loom hours operated
Total	151,018	241,328
Shuttle type looms	88,619	138,570
Single shuttle cam looms	60,557	98,391
Single shuttle dobby looms	16,394	26,673
Multiple shuttle box or head motion looms	7,561	8,327
Double shuttle pile and plush, and jacquard looms	4,107	5,179
Shuttleless looms and weaving machines	62,399	102,758
Single filling insertion capability	39,570	66,762
Air jet looms	11,356	18,363
Water jet looms	6,221	9,861
Projectile looms	12,836	22,988
Rapier looms	9,157	15,550
Multiple filling insertion capability	22,372	35,319
Air jet looms	1,693	2,613
Water jet looms	184	310
Projectile looms	9,179	15,541
Rapier looms	11,316	16,855
Pile and plush looms	457	677

DESCRIPTION OF SURVEY

Scope of Survey. This survey covers all companies manufacturing broadwoven fabrics (gray) in the United States, except very small firms (generally less than 5 employees) for which 1982 Census of Manufactures data were derived from administrative records of other Government agencies.

Survey Methodology. The statistics in this publication were collected by mail on Bureau of the Census quarterly Form MQ22T, Broadwoven Fabrics (Gray). The survey panel includes all known manufacturers of broadwoven fabrics (gray), except those very small firms excluded from the scope of the survey. Approximately 475 establishments are included.

This survey has been revised for 1986 to provide for increased comparability to the data published for imports and exports. Data are now shown by weave, construction, and fiber for spun yarn fabrics and spun/filament yarn combination fabrics whereas information for filament yarn fabrics is shown by fiber type. The detailed data as shown for the first quarter 1986 are not directly comparable, in most cases, to that shown in previous years in the MQ22T. Prior period data are shown wherever possible. See the explanation of terms for a detailed description of the fabrics included in this survey.

Reliability of Data. Survey error may result from several sources: (1) inability to obtain information about all cases in the survey; (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data obtained; and (6) other errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses. Although no direct measurement of the biases due to nonsampling errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence.

A major source of bias in the published estimates is due to imputing data for nonrespondents, for late reporters, and for data which failed the edit. Missing figures are imputed based on quarter-to-quarter movements shown by reporting firms. Imputation generally is limited to a maximum of 10 percent for any one data cell. Figures with imputation rates greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual quarterly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 25 percent should be used with caution.

Revisions to Previous Period Data. Statistics for previous quarters may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

EXPLANATION OF TERMS

Woolen and Worsted Fabrics, Chiefly Wool—Fabrics wholly or chiefly by weight of wool, reprocessed wool, or reused wool. Apparel fabrics include all fabrics that may be labeled as being made entirely of wool, reprocessed wool, and reused wool under the Wool Products Labeling Act. This includes blends of wool of sheep with, and fabrics entirely of mohair, cashmere, camel hair, alpaca, llama, and vicuna.

Cotton Fabrics—Fabrics wholly or chiefly by weight of cotton.

Manmade Fiber Fabrics—Fabrics wholly or chiefly by weight of manmade fibers.

Blends and Mixtures—Fabrics made from more than one fiber are classified in the same way as other fabrics, i.e., according to whether the fabric is chiefly cotton, wool, or manmade fiber. As examples, a fabric which is 55 percent cotton and 45 percent rayon is classified as cotton; a fabric which is 40 percent cotton, 30 percent rayon, and 30 percent acetate is classified as manmade.

Blends and mixture which are by weight 50 percent natural fiber and 50 percent manmade fiber are, for purposes of continuity, classified in the manmade category.

Production—Represents total production of broadwoven gray fabrics by all weaving mills regardless of their primary activity.

Units of Quantity—Production is reported in thousands of square yards except for tire cord and tire cord fabrics, which are reported in thousands of pounds.

Looms Operating—Represents number of looms operating at the end of the quarter, assigned to the specific fabrics.

Spun Yarn Fabrics—Includes all fabrics that contain 85 percent or more spun yarns.

Filament Yarn Fabrics—Includes all fabrics that contain 85 percent or more filament yarns.

Spun/Filament Combinations—Includes fabrics that are combinations of spun and filament yarn where neither the spun or filament yarns exceed 85 percent.

Plain Weave Fabrics—A fabric construction in which each yarn of the weft passes alternately over and under successive yarns of the warp and each yarn of the warp passes alternately over and under successive yarns of the weft.

Tobacco, Cheese, and Bandage Cloth—Fabrics of plain weave, weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric)

consisting of 85 or less warp ends and filling picks per square inch whether or not napped.

Print Cloth—Fabrics of plain weave, weighing not more than 5 ounces per square yard (chiefly manmade fabric) o. 5.9 ounces per square yard (chiefly cotton fabric) of average yarn numbers 26-40, consisting of more than 85 singles yarns per square inch, of square construction, whether or not of yarns of different colors (yarn dyed), whether or not napped.

Poplin and Broadcloth—Fabrics of plain weave, not of square construction, whether or not napped, but does not include the following types—fabrics weighing not more than 5.9 ounces per square yard, containing 85 or less warp ends and filling picks per square inch, or fabrics weighing more than 5.9 ounces per square yard of average yarn number 15 or lower.

Lawns, Voiles, and Batistes— Fabrics of plain weave weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric) consisting of more than 85 warp ends and filling picks per square inch, of square construction, of average yarn number 41 or higher, whether or not napped.

Sheeting—Fabrics of plain weave, whether or not napped, of the following types:

Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric), of square construction, containing more than 85 warp end and filling picks per square inch, of average yarn number 40 or lower, but not including print cloth.

Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric) but does not include fabrics of which the warp or filling, or both, consists of multiple (folded) or cabled yarns, of average yarn number 15 or lower or fabrics of average yarn number 16 or higher number, not of square construction.

Twill Weave Fabrics—Fabrics in which the warp and filling yarns are interlaced in such a manner as to produce a diagonal or bias effect on the face of the fabric.

Blue Denim—Fabrics of 3 or 4- thread twill, including broken twill, warp faced, the warp yarns of which are dyed blue and the weft yarns of which are unbleached, bleached, dyed grey or colored a lighter shade of blue than that of the warp yarns.

All Other Denim— Includes sport denims and all other denim not include above.

Canton Flannel— Fabric woven with a four-harness warp face twill with heavy, soft filling yarn, and a medium count warp. A long nap is raised on the back.

All Other Weaves

Sateens—Fabrics woven with a satin weave, whether or not napped, in which the surface of the cloth consists almost entirely of warp or filling floats; that is, in the repeat of a weave pattern, each yarn of one system passes over several yarns of the other system before interlacing.

Oxfords— Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric), whether or not napped, woven as plain weave except that two or more warp ends are woven as one (taped warp). Oxford cloth is not to be classified as a plain weave fabric.

Duck—Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric), of average yarn number 15 or lower number, whether or not napped, of a plain weave where the warp or filling or both, consists of multiple (folded) or cabled yarns.

Taped Warp Duck— Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces (chiefly cotton fabric), of average yarn number 15 or lower number, whether or not napped, of a plain weave except that two or more warp ends are woven as one (tape warp) whether or not containing multiple (folded) or cabled yarns.

Shirting, Jacquard or Dobby—Fabrics weighing not more than 5 ounces per square (chiefly manmade fiber) or 5.9 ounces per square yard (chiefly cotton fiber) whether or not napped, woven wholly or in part with jacquard or dobby attachment.

Table Damask— Fabrics, whether or not napped, woven wholly or in part with jacquard or dobby attachment characterized by elaborate decorative designs, usually of floral patterns. The designs are reversible and are formed by warp-face satin weave. Table damask is generally all white, although it is sometimes made with colored stripes or in solid pastel shades.

Ginghams, Plaids, and Checks—Yarn dyed fabrics composed of two or more colors in the warp and two or more colors in the filling.

Stripes and Other Yarn Dyed Fabrics—Yarn dyed fabrics composed of any number of colors in the warp but only one color in the filling.

High Tenacity Yarn Fabric—Fabric made from yarns having a tenacity, expressed in centinewtons per tex (cN/tex) greater than 60 cN/tex for multiple (folded) or cabled yarns of nylon or polyester; or 27 c/N tex for multiple (folded), caþled, or singles yarns of viscose rayon.

Flat Fabrics— Fabrics containing yarns having less than twelve turns per inch.

RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes quarterly figures and incorporates known revisions for both current and previous year. It also provides a single reference copy to replace the quarterly publications.

The Bureau of the Census also publishes the following related reports:

Series	Frequency	Title
Current Industrial Reports		
M22A	Monthly	*Finished Fabrics (Production, Inventories, and Unfilled Orders)*
M22D	Monthly	*Consumption on the Woolen System and Worsted Combing*
M22P	Monthly	*Consumption on the Cotton System and Stocks*
M23I	Monthly	*Men's, Women's, Misses', and Juniors' Selected Apparel*
MQ22Q	Quarterly	*Carpet and Rugs*
MQ23X	Quarterly	*Sheets, Pillowcases, and Towels*
MA22F.1	Annually	*Textured Yarn Production*
MA22F.2	Annually	*Spun Yarn Production*
MA22G	Annually	*Narrow Fabrics*
MA22K	Annually	*Knit Fabric Production*
MA22S	Annually	*Broadwoven Fabrics Finished*
MA22M	Biennially	*Stocks of Wool and Related Fibers*
MA23D	Annually	*Gloves and Mittens*
MA23E	Annually	*Men's and Boys' Outerwear*
MA23F	Annually	*Women's and Children's Outerwear*
MA23G	Annually	*Underwear and Nightwear*
Other Industry Reports		
M3-1	Monthly	*Manufacturers' Shipments, Inventories, and Orders*
(AS)	Annually	Annual Survey of Manufactures (ASM)
(MC)	Quinquennially	Census of Manufactures
Foreign Trade Reports		
EM 546	Monthly	*U.S. Exports*
IM 145-X	Monthly	*U.S. Imports for Consumption and General Imports*

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report MQ22T	Bob Reinard	(301) 763-4476
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Broadwoven Fabrics (Gray)

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MQ22T(86)-2
Issued September 1986

The statistics in this publication are based on a survey of manufactures and represent total U.S. production of broadwoven fabrics over 12 inches. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the first quarter publication, MQ22T(86)-1, issued July 1986.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for the third quarter 1986 will be released on or about November 19, 1986. For further information, contact Customer Service, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1. SUMMARY OF PRODUCTION DATA FOR BROADWOVEN GRAY FABRICS, BY TYPE OF FABRIC: 1982 TO 1986

(Millions of square yards)

Year	Chiefly cotton fabrics	Manmade fiber fabrics, including silk and manmade/wool blends	Chiefly wool fabric	Tire cord and tire cord fabrics
1986				
Second quarter	944.5	2,672.9	38.8	108.2
First quarter	1,044.7	2,799.1	37.7	112.9
1985				
Fourth quarter	955.4	2,696.4	34.0	112.2
Third quarter	933.0	2,652.6	24.3	107.9
Second quarter	1,001.7	2,685.7	39.5	129.5
First quarter	1,030.3	2,761.9	40.6	145.9
1984				
Fourth quarter	955.2	2,878.2	36.7	143.0
Third quarter	946.6	2,921.5	29.7	135.4
Second quarter	1,031.5	3,026.3	44.3	146.3
First quarter	1,068.8	3,026.4	48.6	139.9
1983				
Fourth quarter	1,040.2	3,142.9	37.0	144.2
Third quarter	1,032.4	2,801.4	28.8	136.2
Second quarter	1,052.0	2,826.9	41.8	134.3
First quarter	1,067.5	2,689.5	36.0	128.0
1982				
Fourth quarter	986.8	2,476.5	23.6	110.0
Third quarter	868.2	2,322.9	20.2	112.7
Second quarter	960.5	2,442.5	36.3	127.9

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Bob Reinard, (301) 763-4476.

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Table 2. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF COTTON BROADWOVEN GRAY FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Chiefly cotton fabrics mixed mainly or solely with manmade fibers	39,688	944,485	42,088	1,044,743
	Plain weaves, excluding yarn dyed	19,713	476,561	22,094	584,104
2211B 80	Tobacco, cheese, and bandage cloth	4,630	212,525	5,324	328,913
2211B 10	Print cloth	6,988	85,650	7,912	95,256
2211B 20	Poplin and broadcloth	1,432	35,197	1,245	31,257
2211B 40	Lawns, voiles, and batistes	(D)	(D)	(D)	(D)
2211B 70	Duck	632	13,271	745	13,604
2211B 44	Bedsheeting	2,814	61,913	3,449	54,451
2211B 50	Osnaburgs	(D)	(D)	(D)	(D)
2211B 60	All other sheeting	2,488	53,574	2,710	46,071
	Twill weaves, excluding yarn dyed	2,086	41,223	1,722	45,529
2211C 21	Canton flannels	366	6,185	365	6,687
2211C 30	All other twill weaves	1,720	35,038	1,357	35,842
	All other weaves, excluding yarn dyed	3,629	47,274	3,650	48,052
2211D 80	Sateens	559	8,419	490	6,164
2211D 11	Oxfords	(D)	(D)	(D)	(D)
2211D 31	Birdseye diaper cloth	387	3,940	528	9,124
2211D 40	Table damask	(D)	(D)	(D)	(D)
2211D 51	Jacquard and dobby shirting fabrics	(D)	(D)	(D)	(D)
2211D 60	All other weaves, including tape warp duck	1,220	19,833	1,211	17,004
	Pile fabrics, excluding yarn dyed	8,321	139,487	8,601	132,767
2211E 80	Corduroy	(D)	(D)	(D)	(D)
2211E 20	Velvets, plushes, and other pile fabrics	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	5,816	92,675	5,968	88,389
2211X XX	Yarn dyed fabrics	5,939	239,940	6,021	234,291
2211F 01	Chiefly cotton fabrics mixed mainly or solely with other than manmade fibers, i.e., ramie, etc.	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 3. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENTS OF MANMADE FIBER AND SILK BROADWOVEN GRAY FABRICS, BY PRODUCT CLASS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Manmade fiber and silk gray broadwoven fabrics	94,506	2,672,853	97,763	2,799,099
2221B 00	85 percent or more filament rayon and/or acetate fabrics	10,342	159,921	10,497	159,104
2221C 00	85 percent or more filament fabrics, except rayon and/or acetate	18,330	1,030,738	18,298	1,149,884
	85 percent or more spun yarn fabrics, except wool blends, excluding yarn dyed	49,831	1,078,041	52,876	1,070,399
2221D 00	Plain weave, except pile	40,569	881,155	42,544	855,409
2221E 00	Twill weave, except pile	5,044	131,817	5,649	145,035
2221F 00	All other weaves, except pile	4,218	65,069	4,683	69,955
2221G 00	Spun/filament yarn combinations, except yarn dyed	10,218	276,056	10,112	285,449
2221H 00	Pile fabrics, except yarn dyed	730	10,946	735	11,283
2221X XX	Yarn dyed fabrics	4,088	98,391	4,407	107,436
2221J 00	All other chiefly manmade fiber fabrics, including chiefly manmade fiber blends with wool, and silk fabrics, including blends	967	18,760	838	15,544

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS
(EXCLUDES YARN DYED FABRIC)

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Plain weaves	65,613	1,521,053	69,699	1,597,033
	Tobacco, cheese, and bandage cloth	5,428	273,270	6,147	381,430
2211B 01	85 percent or more cotton	4,630	212,525	5,324	328,913
2211B 03	All other chiefly cotton blends				
2221B 01	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 03	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 01	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Print cloth	22,744	356,846	23,550	365,369
2211B 11	85 percent or more cotton	6,988	95,650	7,912	95,256
2211B 13	All other chiefly cotton blends				
2221B 11	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 13	Chiefly spun polyester mixed with cotton	9,604	158,075	9,407	152,880
2221B 15	Chiefly spun polyester mixed with rayon	4,161	58,265	4,140	63,701
2221B 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 05	Spun/filament yarn combinations	987	39,877	1,066	38,112
	Poplin and broadcloth	11,205	302,655	11,816	303,137
	More than 50 percent cotton	1,432	35,197	1,245	31,257
	Weighing 5.9 ounces or less per square yard	862	18,040	880	17,261
2211B 21	Carded	534	10,673	592	10,032
2211B 25	Combed	328	7,367	288	7,229
	Weighing more than 5.9 ounces per square yard	570	17,157	365	13,996
2211B 31	Carded	70	1,179	35	1,486
2211B 33	Combed	500	15,978	330	12,510
2221B 21	85 percent or more spun polyester	(D)	(D)	(D)	(D)
	Chiefly spun polyester mixed with cotton	8,042	219,198	8,841	224,217
	Weighing 5.0 ounces or less per square yard	7,349	192,563	7,842	194,247
2221B 23	Carded	5,985	145,051	6,254	143,324
2221B 25	Combed	1,364	47,512	1,588	50,923
	Weighing more than 5.0 ounces per square yard	693	26,635	999	29,970
2221B 27	Carded	693	26,635	999	29,970
2221B 31	Combed				
2221B 33	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
	Spun/filament yarn combinations	1,236	36,414	1,147	36,280
22216 17	Weighing 5.0 ounces or less per square yard	1,236	36,414	1,147	36,280
22216 21	Weighing more than 5.0 ounces per square yard				
	Lawns, voiles, and batistes	1,537	13,798	1,840	16,973
2211B 41	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221B 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 42	All other fabrics, 85 percent or more spun yarn	-	-	-	-
22216 28	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Duck, except tape warp	1,455	35,649	1,536	35,285
	Single warp	831	22,703	873	22,836
2211B 71	More than 50 percent cotton	298	6,069	366	6,747
2221B 87	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 89	Chiefly spun polyester mixed with cotton	137	2,521	157	3,251
2221B 91	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 70	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Plied warp	624	12,946	663	12,449
2211B 73	More than 50 percent cotton	334	7,210	379	6,857
2221B 93	85 percent or more spun polyester	68	1,308	59	1,554
2221B 95	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 97	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 74	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Bedsheeting	18,993	376,905	18,698	356,498
2211B 45	More than 50 percent cotton	2,814	61,913	3,449	54,451
	Chiefly spun polyester mixed with cotton	11,956	253,917	13,175	243,477
2221B 43	Carded	2,521	70,787	2,771	67,256
2221B 45	Combed	[a]9,435	[a]183,130	10,404	176,221
2221B 47	All other fabrics, 85 percent or more spun yarn	-	-	-	-
22216 32	Spun/filament yarn combinations	2,223	61,075	2,074	58,570
	Osnaburgs	1,203	36,952	1,151	35,098
2211B 51	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221B 53	Chiefly spun polyester mixed with cotton	544	21,900	538	20,635
2221B 57	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 33	Spun/filament yarn combinations	-	-	-	-
	All other sheeting	5,048	124,978	4,961	103,243
	More than 50 percent cotton	2,488	53,574	2,710	46,071
2211B 61	Weighing 5.9 ounces or less per square yard	1,598	37,200	1,739	29,921
	Weighing more than 5.9 ounces per square yard	890	16,374	971	16,150
2211B 63	Blanketing	718	12,629	751	13,534
2211B 65	All other fabric	[b]172	3,745	220	2,616
	85 percent or more spun polyester	438	17,622	344	13,673
2221B 63	Blanketing	263	15,202	203	11,429
2221B 65	All other fabric	175	2,420	141	2,244
	Chiefly spun polyester mixed with cotton	962	18,524	937	18,019
2221B 73	Weighing 5.0 ounces or less per square yard	835	17,556	858	16,828
2221B 75	Weighing more than 5.0 ounces per square yard	127	968	79	1,191

See footnotes at end of table.

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS (EXCLUDES YARN DYED FABRIC)--Continued

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	All other sheeting--Continued				
	Chiefly spun acrylic	(D)	(D)	(D)	(D)
2221B 81	Blanketing	312	15,295	307	10,376
2221B 83	All other fabric	(D)	(D)	(D)	(D)
2221B 85	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
	Spun/filament yarn combinations	316	10,089	231	6,303
	Weighing 5.0 ounces or less per square yard	(D)	(D)	(D)	(D)
22216 37	Textured and/or high twist	301	9,267	189	5,131
22216 39	All other	(D)	(D)	(D)	(D)
	Weighing more than 5.0 ounces per square yard	(D)	(D)	(D)	(D)
22216 41	Textured and/or high twist	-	-	-	-
22216 43	All other	(D)	(D)	(D)	(D)
	Twill weaves	8,045	201,429	8,357	222,060
2211C 21	Canton flannels	366	6,185	365	6,687
	All other twill weaves	7,679	195,244	7,992	215,373
	More than 50 percent cotton	1,720	35,038	1,357	35,842
2211C 31	Weighing 5.9 ounces or less per square yards	379	6,738	395	8,407
2211C 33	Weighing more than 5.9 ounces per square yard	1,341	28,300	962	27,435
2221C 21	85 percent or more spun polyester	174	5,339	125	4,350
	Chiefly spun polyester mixed with cotton	3,789	109,376	4,420	127,864
2221C 23	Weighing 5.0 ounces or less per square yard	1,047	17,109	1,067	19,199
2221C 25	Weighing more than 5.0 ounces per square yard	2,742	92,267	3,353	108,665
2221C 27	All other fabrics, 85 percent or more spun yarn	1,081	17,102	1,104	12,821
	Spun/filament yarn combinations	915	28,389	986	34,496
22216 52	Weighing 5.0 ounces or less per square yard	609	20,111	643	27,193
22216 56	Weighing more than 5.0 ounces per square yard	306	8,278	343	7,303
	All other weaves	11,819	196,673	12,398	211,440
	Sateens	1,947	31,914	2,011	32,834
	More than 50 percent cotton	559	8,419	490	6,164
2211D 01	Weighing 5.9 ounces or less per square yards	559	8,419	490	6,164
2211C 03	Weighing more than 5.9 ounces per square yard				
	Chiefly spun polyester mixed with cotton	527	11,708	606	12,642
2221D 01	Weighing 5.0 ounces or less per square yard	195	5,358	201	5,470
2221D 03	Weighing more than 5.0 ounces per square yard	332	6,350	405	7,172
2221D 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 62	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Oxfords	1,142	25,987	1,356	23,382
2211D 11	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton	329	7,384	628	7,958
2221D 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 67	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
2211D 31	Birdseye diaper cloth	387	3,940	528	9,124
	Table damask	1,050	8,564	962	6,622
2211D 42	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 32	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221D 37	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 81	Spun/filament yarn combinations	-	-	-	-
	Jacquard and dobby shirting fabrics	217	3,772	281	4,364
2211D 51	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221D 43	All other fabric, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 85	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	All other weaves, including taped warp duck	7,076	122,496	7,260	135,114
	More than 50 percent cotton	1,220	19,833	1,211	17,004
2211D 61	Weighing 5.9 ounces or less per square yard	87	2,609	124	2,050
2211D 63	Weighing more than 5.9 ounces per square yard	1,133	17,224	1,087	14,954
2221D 51	85 percent or more spun polyester	417	5,087	385	5,116
	Chiefly spun polyester mixed with cotton	1,157	14,224	1,327	16,297
2221D 53	Weighing 5.0 ounces or less per square yard	737	9,557	859	10,848
2221D 55	Weighing more than 5.0 ounces per square yard	420	4,667	468	5,449
2221D 57	All other fabrics, 85 percent or more spun yarn	823	12,174	907	14,372
	Spun/filament yarn combinations	3,459	71,178	3,430	82,325
22216 88	Weighing 5.0 ounces or less per square yard	915	12,328	897	19,273
22216 89	Weighing more than 5.0 ounces per square yard	2,544	58,850	2,533	63,052
	Pile fabrics	9,051	150,433	9,336	144,050
	Corduroy	2,635	51,409	2,764	49,125
	More than 50 percent cotton	(D)	(D)	(D)	(D)
2211E 01	Finewales and pinwales	1,398	25,176	1,435	21,345
2211E 03	Midwales	629	12,898	564	13,212
2211E 05	Thicksets	(D)	(D)	(D)	(D)
2211E 07	Widewales and other	(D)	(D)	(D)	(D)
2221E 01	Chiefly manmade fiber	(D)	(D)	(D)	(D)
	Velvets, plushes, and other pile fabrics	600	6,349	604	6,536
2211E 21	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221E 21	Chiefly manmade fiber	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	5,816	92,675	5,968	88,389

Note: The percent of estimation of each item is as follows (see "Description of Survey" in the text of the first quarter 1986 report, M022T(86)-1, issued July 1986, for discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 5. PRODUCTION AND LOOM ASSIGNMENT OF YARN DYED FABRICS, 85 PERCENT OR MORE SPUN YARN AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON AND/OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986				First quarter 1986			
			Production				Production		
		Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric
	Yarn dyed fabrics	10,027	338,331	(D)	(D)	10,428	341,727	(D)	(D)
	Plain weaves	1,514	34,566	19,119	15,447	1,982	39,161	23,236	15,925
2211X XX	More than 50 percent cotton	399	7,799	872	6,927	428	6,189	836	5,253
2221X XX	Chiefly spun polyester mixed with cotton	746	19,533	13,596	5,937	1,158	19,917	13,503	6,414
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 XX	Spun/filament yarn combinations	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Twill weaves	4,879	221,670	4,164	217,506	4,961	220,322	3,430	216,892
	Blue denim	3,541	174,613	-	174,613	3,573	175,618	-	175,618
	More than 50 percent cotton	3,296	163,790	-	163,790	3,353	164,185	-	164,185
2211C 01	Weighing 10.7 ounces or less per square yard	576	26,840	-	26,840	579	28,929	-	28,929
2211C 03	Weighing more than 10.7 ounces per square yard	2,720	136,950	-	136,950	2,774	135,256	-	135,256
2221C 03	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 51	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other denim	936	35,795	-	35,795	944	34,974	-	34,974
	More than 50 percent cotton	540	24,996	-	24,996	548	23,329	-	23,329
2211C 11	Weighing 10.7 ounces or less per square yard	241	12,667	-	12,667	268	11,376	-	11,376
2211C 13	Weighing more than 10.7 ounces per square yard	299	12,329	-	12,329	280	11,953	-	11,953
2221C 13	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 49	Spun/filament yarn combinations	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	All other twill weaves	402	11,262	4,164	7,098	444	9,730	3,430	6,300
2211C 30	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221C 20	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221* **	All other, including spun/filament combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other weaves	3,055	76,477	12,672	63,805	2,941	76,893	13,063	63,830
	Oxfords[1]	764	29,398	3,402	25,996	673	25,744	3,368	22,376
2211D 11	More than 50 percent cotton	(D)	(D)	3,402	(D)	(D)	(D)	3,368	(D)
2221D 11	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
2221D 17	All other fabrics, 85 percent or more spun yarn	-	-	-	-	-	-	-	-
22216 67	Spun/filament yarn combinations	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	All other weaves	2,291	47,079	9,270	37,809	2,268	51,149	9,695	41,454
2211X XX	More than 50 percent cotton	361	4,519	(D)	(D)	377	6,250	(D)	(D)
2221X XX	Chiefly spun polyester mixed with cotton	723	16,619	(D)	(D)	716	17,470	(D)	(D)
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 XX	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)
	Pile fabrics	579	5,618	(D)	(D)	544	5,351	(D)	(D)
2211E XX	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221E XX	Chiefly manmade fiber	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: These data are included in the data shown in table 4.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Total production of oxfords, including yarn dyed, is 55,385 for second quarter 1986, and 49,126 for first quarter 1986. Production of more than 50 percent cotton was 38,215 for second quarter 1986, and 34,584 for first quarter 1986. Production of chiefly manmade was 17,170 for second quarter 1986, and 14,542 for first quarter 1986.

Table 6. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE FILAMENT YARN FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	85 percent or more filament yarn fabrics	28,672	1,190,659	28,795	1,308,988
	High tenacity yarn fabrics	1,292	21,820	1,416	23,723
22211 01	100 percent and chiefly rayon	(D)	(D)	(D)	(D)
22212 01	100 percent and chiefly nylon	658	9,991	761	11,353
22212 03	100 percent and chiefly polyester	(D)	(D)	(D)	(D)
	85 percent or more acetate or triacetate filament yarn fabrics	7,580	116,068	7,697	115,166
	Weighing not more than 5 ounces per square yard	6,812	107,014	6,931	105,607
22211 21	Plain weave	[a]3,840	[a]58,191	3,908	60,160
22211 23	Other weaves	2,972	48,823	3,023	45,447
	Weighing more than 5 ounces per square yard	768	9,054	766	9,559
22211 25	Plain weave	(D)	(D)	(D)	(D)
22211 27	Other weaves	(D)	(D)	(D)	(D)
	85 percent or more rayon filament yarn fabrics	(D)	(D)	(D)	(D)
22211 41	Weighing not more than 5 ounces per square yard	(D)	(D)	(D)	(D)
22211 43	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)
	Other chiefly rayon and/or acetate filament yarn fabrics	1,885	30,921	1,879	29,755
22211 51	Weighing not more than 5 ounces per square yard	202	4,237	222	3,515
22211 53	Weighing more than 5 ounces per square yard	[a]1,683	[a]26,684	1,657	26,240
	85 percent or more nylon filament yarn fabrics	3,929	79,480	3,886	78,672
22212 11	Typewriter and other impression fabrics	1,088	18,005	1,071	20,407
	Other 85 percent or more nylon filament yarn fabrics	2,841	61,475	2,815	58,265
	Weighing not more than 5 ounces per square yard	2,477	52,998	2,453	50,378
22212 13	Flat, non-textured	[a]2,408	[a]51,301	2,355	47,254
22212 15	All other	69	1,697	98	3,124
	Weighing more than 5 ounces per square yard	364	8,477	362	7,887
22212 23	Flat, non-textured	[a]272	[b]5,897	239	4,765
22212 25	All other	92	2,580	123	3,122
	Other chiefly nylon filament fabrics	(D)	(D)	(D)	(D)
22212 31	Weighing not more than 5 ounces per square yard	234	2,582	244	2,607
22212 33	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)
	85 percent or more polyester filament yarn fabrics	6,178	205,630	6,258	215,735
	Textured	4,435	171,200	4,741	180,534
22212 44	Weighing not more than 5 ounces per square yard	3,167	110,269	3,404	128,566
22212 50	Weighing more than 5 ounces per square yard	1,268	60,931	1,337	51,968
	Non-textured	1,743	34,430	1,517	35,201
	Weighing not more than 5 ounces per square yard	1,444	27,723	1,342	29,934
22212 61	Flat	1,360	26,913	1,274	28,648
22212 63	Other	84	810	68	1,286
	Weighing more than 5 ounces per square yard	299	6,707	175	5,267
22212 65	Flat	233	3,725	116	2,550
22212 67	Other	[b]66	[b]2,982	59	2,717
22212 73	Other chiefly polyester filament fabrics	154	[b]3,378	143	2,365
	Glass fiber fabrics	2,807	102,179	2,619	88,446
22212 82	Woven roving and screening	82	6,229	[r]82	[r]5,040
22212 89	All other glass fiber fabrics	2,725	95,950	2,537	83,406
	All other 85 percent or more filament yarn fabrics, including saran and olefin and fabrics obtained from strip, except rayon and/or acetate	4,042	619,436	4,097	742,658
22212 91	Carpet backing	2,564	568,618	2,607	680,879
22212 93	All other	1,478	50,818	1,490	61,779

Note: The percent of estimation of each item is indicated as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86-1), issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

(D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent of more from previously published figures.

Table 7. PRODUCTION AND LOOM ASSIGNMENT OF UPHOLSTERY FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Upholstery fabrics	3,142	46,640	3,485	50,988
	85 percent or more spun yarn	2,714	40,133	2,940	43,984
	Pile woven	1,183	17,062	1,202	17,433
2211E 41	All cotton and chiefly cotton	362	1,232	357	1,077
2221E 41	All manmade and chiefly manmade	821	15,830	845	16,356
	Flat woven	1,531	23,071	1,738	26,551
2211X 01	All cotton and chiefly cotton	[b]159	[b]2,131	166	2,045
	All manmade and chiefly manmade	1,372	20,940	1,572	24,506
2221X 01	Olefin	131	1,090	149	1,248
2221X 03	All other flat woven manmade fiber fabrics	1,241	19,850	1,423	23,258
	85 percent or more filament yarn	428	6,507	[r]545	7,004
22212 77	All polyester and chiefly polyester	(D)	(D)	(D)	(D)
22212 78	All nylon and chiefly nylon	(D)	(D)	(D)	(D)
22212 98	All olefin and chiefly olefin	(D)	(D)	(D)	(D)
22212 99	All other filament fiber fabrics	173	1,690	[r]203	1,695

Note: These data are included in the data shown in tables 4 and 6.

See footnotes at end of table 8.

Table 8. PRODUCTION AND LOOM ASSIGNMENT OF WOOLEN AND WORSTED FABRICS, INCLUDING CHIEFLY MANMADE/WOOL BLENDS AND CHIEFLY COTTON/WOOL BLENDS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Second quarter 1986		First quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Woolen and worsted fabrics, chiefly wool (except felts)[1]	1,968	38,811	2,013	37,715
	Apparel fabrics, including government orders	1,774	36,316	1,821	34,477
	Worsted fabrics	719	18,142	767	17,004
22312 01	Weighing not more than 5.9 ounces per square yard	(D)	(D)	(D)	(D)
22312 03	Weighing more than 5.9 ounces per square yard, but not more than 8 ounces per square yard	680	[b]17,273	749	16,644
22312 05	Weighing more than 8 ounces per square yard, but not more than 10 ounces per square yard	(D)	(D)	(D)	(D)
22312 07	Weighing more than 10 ounces per square yard	(D)	(D)	(D)	(D)
	Woolen fabrics	1,055	18,174	1,054	17,473
22312 21	Weighing not more than 9 ounces per square yard	(D)	(D)	(D)	(D)
22312 23	Weighing more than 9 ounces per square yard	(D)	(D)	(D)	(D)
	Nonapparel fabrics, including government orders (except felts)	194	2,495	192	3,238
22312 62	Blanketing, including thermal	64	[b]987	66	[r]991
22312 85	All other fabrics	[b]130	[b]1,508	126	2,247
22312 92	Woven felts (thousands of pounds)	[a]242	[b]2,259	255	2,160
	Chiefly manmade/wool blend and chiefly cotton/wool blend fabrics	(D)	(D)	(D)	(D)
2221F 12	Chiefly spun polyester mixed mainly or solely with wool	(D)	(D)	(D)	(D)
2221F 21	All other chiefly spun fibers mixed mainly or solely with wool	(D)	(D)	(D)	(D)
22216 92	Chiefly filament polyester mixed mainly or solely with wool or spun polyester/wool blends	(D)	(D)	(D)	(D)
22216 98	All other chiefly filament yarn mixed mainly or solely with wool	(D)	(D)	-	-

Note: The percent of estimation of each item is indicated as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent or more from previously published figures.

[1]Includes fabrics principally wool or reprocessed wool by weight.

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Table 9. PRODUCTION OF TIRE CORD AND TIRE CORD FABRICS

(Thousands of pounds)

Product code	Product description	Production during quarter	
		Second quarter 1986	First quarter 1986
22960 00	Tire cord and tire cord fabrics	108,182	112,879
22960 12	Cotton tire cord and tire cord fabrics	(D)	(D)
22960 32	Rayon tire cord and tire cord fabrics	(D)	(D)
22960 35	Nylon tire cord and tire cord fabrics	40,480	43,800
22960 37	Polyester tire cord and tire cord fabrics	29,070	30,605
22960 38	Glass tire cord and tire cord fabrics	2,166	2,160
22960 45	Steel tire cord	[a]32,811	30,141
22960 51	All other tire cord and tire cord fabrics including chafer	(D)	(D)

Note: The percent of estimation of each item is as indicated (see "Description of Survey" in the text of the first quarater 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated.

(D) Data withheld to avoid disclosing figures for individual companies.

Table 10. LOOMS IN PLACE AND LOOM HOURS OPERATED IN BROADWOVEN FABRIC MILLS

Product description	Second quarter 1986		First quarter 1986	
	Looms in place (number)	Thousands of loom hours operated	Looms in place (number)	Thousands of loom hours operated
Total	146,723	235,825	151,436	240,257
Shuttle type looms	85,191	133,795	89,550	138,646
Single shuttle cam looms	58,380	[a]95,767	60,845	98,885
Single shuttle dobby looms	15,819	[a]25,035	16,852	26,209
Multiple shuttle box or head motion looms	6,840	[a]8,043	7,627	8,310
Double shuttle pile and plush, and jacquard looms	[a]4,152	[a]4,950	4,226	5,242
Shuttleless looms and weaving machines	61,532	102,030	61,886	101,611
Single filling insertion capability	39,116	65,272	39,448	66,101
Air jet looms	10,741	18,461	11,181	18,193
Water jet looms	6,473	[a]9,852	6,430	9,652
Projectile looms	13,905	[a]23,967	[r]13,847	[r]24,539
Rapier looms	[a]7,997	[a]12,992	[r]7,990	[r]13,717
Multiple filling insertion capability	22,282	36,690	22,312	35,451
Air jet looms	1,757	[b]2,972	1,693	2,613
Water jet looms	201	313	[r]201	293
Projectile looms	[a]9,236	[a]16,142	9,177	15,671
Rapier looms	[b]11,088	[b]17,263	11,241	16,874
Pile and plush looms	134	68	[r]126	[r]59

Note: The percent of estimation of each item is as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

[r]Revised by 5 percent or more from previously published figures.

MQ 22 T(86)-3

CURRENT INDUSTRIAL REPORTS

Broadwoven Fabrics (Gray)

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U.S. Department of Commerce
BUREAU OF THE CENSUS

THIRD QUARTER 1986

MQ22T(86)-3
Issued December 1986

The statistics in this publication are based on a survey of manufactures and represent total U.S. production of broadwoven fabrics over 12 inches. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the first quarter publication, MQ22T(86)-1, issued July 1986.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for the fourth quarter 1986 will be released on or about February 20, 1986. For further information, contact Customer Service, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1. SUMMARY OF PRODUCTION DATA FOR BROADWOVEN GRAY FABRICS, BY TYPE OF FABRIC: 1982 TO 1986

(Millions of square yards)

Year	Chiefly cotton fabrics	Manmade fiber fabrics, including silk and manmade/wool blends	Chiefly wool fabric	Tire cord and tire cord fabrics
1986				
Third quarter	931.9	2,571.0	26.0	104.2
Second quarter	941.9	2,675.0	38.8	108.2
First quarter	1,044.7	2,799.1	37.7	112.9
1985				
Fourth quarter	955.4	2,696.4	34.0	112.2
Third quarter	933.0	2,652.6	24.3	107.9
Second quarter	1,001.7	2,685.7	39.5	129.5
First quarter	1,030.3	2,761.9	40.6	145.9
1984				
Fourth quarter	955.2	2,878.2	36.7	143.0
Third quarter	946.6	2,921.5	29.7	135.4
Second quarter	1,031.5	3,026.3	44.3	146.3
First quarter	1,068.8	3,026.4	48.6	139.9
1983				
Fourth quarter	1,040.2	3,142.9	37.0	144.2
Third quarter	1,032.4	2,801.4	28.8	136.2
Second quarter	1,052.0	2,826.9	41.8	134.3
First quarter	1,067.5	2,689.5	36.0	128.0
1982				
Fourth quarter	986.8	2,476.5	23.6	110.0
Third quarter	868.2	2,322.9	20.2	112.7

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Bob Reinard, (301) 763-4476.

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C3.158:

Table 2. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF COTTON BROADWOVEN GRAY FABRICS

(Looms operating in number; production in thousands of square yards)

Product	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Chiefly cotton fabrics mixed mainly or solely with manmade fibers	40,144	931,941	39,785	941,930
	Plain weaves, excluding yarn dyed	20,608	476,409	19,720	473,533
2211B 80	Tobacco, cheese, and bandage cloth	4,687	207,086	4,630	212,525
2211B 10	Print cloth	7,449	91,026	6,988	85,650
2211B 20	Poplin and broadcloth	1,563	39,116	1,340	31,830
2211B 40	Lawns, voiles, and batistes	(D)	(D)	(D)	(D)
2211B 70	Duck	542	10,342	632	13,279
2211B 44	Bedsheeting	2,757	62,652	2,916	62,934
2211B 50	Osnaburgs	(D)	(D)	(D)	(D)
2211B 60	All other sheeting	2,955	49,108	2,481	52,872
	Twill weaves, excluding yarn dyed	2,358	45,134	2,087	41,248
2211C 21	Canton flannels	372	6,250	366	6,185
2211C 30	All other twill weaves	1,986	38,884	1,721	35,063
	All other weaves, excluding yarn dyed	3,369	49,110	3,661	47,162
2211D 80	Sateens	503	7,824	559	8,412
2211D 11	Oxfords	(D)	(D)	(D)	(D)
2211D 31	Birdseye diaper cloth	280	2,727	387	3,940
2211D 40	Table damask	(D)	(D)	(D)	(D)
2211D 51	Jacquard and dobby shirting fabrics	(D)	(D)	(D)	(D)
2211D 60	All other weaves, including tape warp duck	1,225	19,221	1,271	20,866
	Pile fabrics, excluding yarn dyed	7,825	130,190	8,322	139,115
2211E 80	Corduroy	(D)	(D)	(D)	(D)
2211E 20	Velvets, plushes, and other pile fabrics	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	5,802	94,434	5,816	92,533
2211X XX	Yarn dyed fabrics	5,984	231,098	5,995	240,872
2211F 01	Chiefly cotton fabrics mixed mainly or solely with other than manmade fibers, i.e., ramie, etc.	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 3. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENTS OF MANMADE FIBER AND SILK BROADWOVEN GRAY FABRICS, BY PRODUCT CLASS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Manmade fiber and silk gray broadwoven fabrics	89,607	2,570,986	94,844	2,675,012
2221B 00	85 percent or more filament rayon and/or acetate fabrics	10,328	153,780	10,322	160,023
2221C 00	85 percent or more filament fabrics, except rayon and/or acetate	16,810	985,226	18,680	1,025,418
	85 percent or more spun yarn fabrics, except wool blends, excluding yarn dyed	47,180	1,037,295	49,929	1,084,057
2221D 00	Plain weave, except pile	38,752	862,185	40,782	890,236
2221E 00	Twill weave, except pile	4,370	114,275	5,078	133,130
2221F 00	All other weaves, except pile	4,058	60,835	4,069	60,691
2221G 00	Spun/filament yarn combinations, except yarn dyed	9,945	280,312	10,243	278,090
2221H 00	Pile fabrics, except yarn dyed	637	8,571	730	10,946
2221X XX	Yarn dyed fabrics	3,569	83,421	3,988	97,801
2221J 00	All other chiefly manmade fiber fabrics, including chiefly manmade fiber blends with wool, and silk fabrics, including blends	1,138	22,381	952	18,677

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS
(EXCLUDES YARN DYED FABRIC)

(Looms operating in number; production in thousands of square yards)

Product	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Plain weaves	64,502	1,504,429	65,666	1,518,318
	Tobacco, cheese, and bandage cloth	5,429	237,440	5,428	266,798
2211B 01	85 percent or more cotton	4,687	207,086	4,630	212,525
2211B 03	All other chiefly cotton blends				
2221B 01	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 03	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 01	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Print cloth	23,534	379,115	22,763	353,361
2211B 11	85 percent or more cotton	7,449	91,026	6,988	85,650
2211B 13	All other chiefly cotton blends				
2221B 11	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 13	Chiefly spun polyester mixed with cotton	9,233	171,435	9,577	134,414
2221B 15	Chiefly spun polyester mixed with rayon	4,210	56,559	4,113	57,758
2221B 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 05	Spun/filament yarn combinations	1,448	45,482	987	39,877
	Poplin and broadcloth	10,883	294,793	10,949	297,222
	More than 50 percent cotton	1,563	39,116	1,340	31,830
	Weighing 5.9 ounces or less per square yard	1,058	21,806	862	18,038
2211B 21	Carded	647	10,565	534	10,673
2211B 25	Combed	411	11,241	328	7,365
	Weighing more than 5.9 ounces per square yard	505	17,310	r478	r13,792
2211B 31	Carded	(D)	(D)	r49	r637
2211B 33	Combed	(D)	(D)	r429	r13,155
2221B 21	85 percent or more spun polyester	(D)	(D)	(D)	(D)
	Chiefly spun polyester mixed with cotton	7,779	206,484	8,044	219,365
	Weighing 5.0 ounces or less per square yard	7,029	172,641	7,351	192,728
2221B 23	Carded	5,610	126,608	5,985	145,051
2221B 25	Combed	1,419	46,033	1,366	47,677
	Weighing more than 5.0 ounces per square yard	750	33,843	693	26,637
2221B 27	Carded	750	33,843	693	26,637
2221B 31	Combed				
2221B 33	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
	Spun/filament yarn combinations	978	34,721	1,070	34,181
22216 17	Weighing 5.0 ounces or less per square yard	978	34,721	1,070	34,181
22216 21	Weighing more than 5.0 ounces per square yard				
	Lawns, voiles, and batistes	1,792	31,369	r1,773	r28,964
2211B 41	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221B 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 42	All other fabrics, 85 percent or more spun yarn	-	-	-	-
22216 28	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Duck, except tape warp	1,454	32,860	1,453	35,657
	Single warp	793	22,207	829	22,703
2211B 71	More than 50 percent cotton	254	a5,898	298	6,069
2221B 87	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 89	Chiefly spun polyester mixed with cotton	148	b2,354	137	a2,521
2221B 91	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 70	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Plied warp	661	10,653	624	12,954
2211B 73	More than 50 percent cotton	b288	a4,444	334	7,210
2221B 93	85 percent or more spun polyester	b147	b1,761	68	1,308
2221B 95	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 97	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 74	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Bedsheeting	14,763	350,357	17,034	375,153
2211B 45	More than 50 percent cotton	2,757	62,652	2,916	62,934
	Chiefly spun polyester mixed with cotton	10,186	224,392	11,894	250,982
2221B 43	Carded	3,190	73,714	2,662	70,307
2221B 45	Combed	6,996	150,678	9,232	a180,675
2221B 47	All other fabrics, 85 percent or more spun yarn	-	-	-	-
22216 32	Spun/filament yarn combinations	1,820	63,313	2,224	61,237
	Osnaburgs	1,085	39,206	1,207	36,952
2211B 51	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221B 53	Chiefly spun polyester mixed with cotton	531	22,201	544	21,900
2221B 57	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 33	Spun/filament yarn combinations	-	-	-	-
	All other sheeting	5,562	119,289	5,059	124,211
	More than 50 percent cotton	2,955	49,108	2,481	52,872
2211B 61	Weighing 5.9 ounces or less per square yard	2,049	34,857	1,654	r37,664
	Weighing more than 5.9 ounces per square yard	906	14,251	r827	r15,208
2211B 63	Blanketing	824	11,625	718	12,629
2211B 65	All other fabric	82	b2,626	r109	r2,579
	85 percent or more spun polyester	448	16,179	438	17,622
2221B 63	Blanketing	246	13,808	263	15,202
2221B 65	All other fabric	202	2,371	175	2,420
	Chiefly spun polyester mixed with cotton	1,010	b16,129	983	18,705
2221B 73	Weighing 5.0 ounces or less per square yard	849	13,992	856	17,737
2221B 75	Weighing more than 5.0 ounces per square yard	161	b2,137	127	968

See footnotes at end of table.

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS (EXCLUDES YARN DYED FABRIC)--Continued

(Looms operating in number; production in thousands of square yards)

Product	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	All other sheeting--Continued				
	Chiefly spun acrylic	(D)	(D)	(D)	(D)
2221B 81	Blanketing	314	16,469	309	15,049
2221B 83	All other fabric	(D)	(D)	(D)	(D)
2221B 85	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
	Spun/filament yarn combinations	274	11,163	316	10,089
	Weighing 5.0 ounces or less per square yard	(D)	(D)	(D)	(D)
22216 37	Textured and/or high twist	253	9,827	301	9,267
22216 39	All other	(D)	(D)	(D)	(D)
	Weighing more than 5.0 ounces per square yard	(D)	(D)	(D)	(D)
22216 41	Textured and/or high twist	(D)	(D)	-	-
22216 43	All other	(D)	(D)	(D)	(D)
	Twill weaves	7,584	188,493	8,063	203,795
2211C 21	Canton flannels	372	6,250	366	6,185
	All other twill weaves	7,212	182,243	7,697	197,610
	More than 50 percent cotton	1,986	38,884	1,721	35,063
2211C 31	Weighing 5.9 ounces or less per square yards	452	7,785	380	6,771
2211C 33	Weighing more than 5.9 ounces per square yard	1,534	31,099	1,341	28,292
2221C 21	85 percent or more spun polyester	117	6,356	174	5,339
	Chiefly spun polyester mixed with cotton	3,464	94,551	3,818	110,938
2221C 23	Weighing 5.0 ounces or less per square yard	496	10,040	r539	r11,431
2221C 25	Weighing more than 5.0 ounces per square yard	2,968	84,511	r3,279	r99,507
2221C 27	All other fabrics, 85 percent or more spun yarn	789	13,368	1,086	16,853
	Spun/filament yarn combinations	856	29,084	898	29,417
22216 52	Weighing 5.0 ounces or less per square yard	515	19,700	584	20,111
22216 56	Weighing more than 5.0 ounces per square yard	341	9,384	314	r9,306
	All other weaves	11,182	186,932	11,657	191,328
	Sateens	1,818	27,250	r1,779	r26,310
	More than 50 percent cotton	503	7,824	559	8,412
2211D 01	Weighing 5.9 ounces or less per square yards	503	7,824	559	8,412
2211C 03	Weighing more than 5.9 ounces per square yard	495	9,047	r428	r7,363
	Chiefly spun polyester mixed with cotton	99	1,002	r96	r1,013
2221D 01	Weighing 5.0 ounces or less per square yard	396	8,045	332	6,350
2221D 03	Weighing more than 5.0 ounces per square yard	(D)	(D)	(D)	(D)
2221D 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 62	Spun/filament yarn combinations				
	Oxfords	1,108	32,314	1,183	26,249
2211D 11	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton	412	9,644	329	7,384
2221D 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 67	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
2211D 31	Birdseye diaper cloth	280	2,727	387	3,940
	Table damask	1,011	7,383	1,050	8,564
2211D 42	More than 50 percent cotton	(D)	(D)	(D)	(D)
2211D 32	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221D 37	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 81	Spun/filament yarn combinations	-	-	-	-
	Jacquard and dobby shirting fabrics	198	3,056	r195	3,772
2211D 51	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221D 43	All other fabric, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 85	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	All other weaves, including taped warp duck	6,767	114,202	7,063	122,493
	More than 50 percent cotton	1,225	19,221	1,271	20,866
2211D 61	Weighing 5.9 ounces or less per square yard	117	2,210	96	2,598
2211D 63	Weighing more than 5.9 ounces per square yard	1,108	17,011	1,175	18,268
2221D 51	85 percent or more spun polyester	478	5,215	411	5,087
	Chiefly spun polyester mixed with cotton	946	11,252	1,104	13,217
2221D 53	Weighing 5.0 ounces or less per square yard	539	7,469	r738	r9,630
2221D 55	Weighing more than 5.0 ounces per square yard	407	3,783	r366	r3,587
2221D 57	All other fabrics, 85 percent or more spun yarn	762	11,896	823	12,174
	Spun/filament yarn combinations	3,356	66,618	3,454	71,149
22216 88	Weighing 5.0 ounces or less per square yard	905	10,601	922	12,343
22216 89	Weighing more than 5.0 ounces per square yard	2,451	56,017	2,532	58,806
	Pile fabrics	8,462	138,761	9,052	150,061
	Corduroy	2,058	38,187	2,629	51,409
	More than 50 percent cotton	(D)	(D)	(D)	(D)
2211E 01	Pinewales and pinwales	1,085	a17,911	1,398	25,176
2211E 03	Midwales	441	11,760	629	12,898
2211E 05	Thicksets	(D)	(D)	(D)	(D)
2211E 02	Widewales and other	(D)	(D)	(D)	(D)
2221E 01	Chiefly manmade fiber	(D)	(D)	(D)	(D)
	Velvets, plushes, and other pile fabrics	602	6,140	607	6,119
2211E 21	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221E 21	Chiefly manmade fiber	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	5,802	94,434	5,816	92,533

Note: The percent of estimation of each item is as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent or more from previously published figures.

Table 5. PRODUCTION AND LOOM ASSIGNMENT OF YARN DYED FABRICS, 85 PERCENT OR MORE SPUN YARN AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON AND/OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Third quarter 1986				Second quarter 1986			
			Production				Production		
		Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric
	Yarn dyed fabrics	9,553	314,519	(D)	(D)	9,983	338,673	(D)	(D)
	Plain weaves	1,260	27,186	13,870	13,316	1,477	35,150	18,929	16,221
2211X XX	More than 50 percent cotton	338	7,925	1,839	6,086	425	8,382	928	7,454
2221X XX	Chiefly spun polyester mixed with cotton	565	13,135	8,003	5,132	682	19,533	13,596	5,937
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 XX	Spun/filament yarn combinations	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Twill weaves	4,785	206,813	3,187	203,626	4,879	221,786	4,164	217,622
	Blue denim	3,456	160,917	-	160,917	3,541	174,613	-	174,613
	More than 50 percent cotton	3,287	153,375	-	153,375	3,295	163,790	-	163,790
2211C 01	Weighing 10.7 ounces or less per square yard	639	26,007	-	26,007	576	26,840	-	26,840
2211C 03	Weighing more than 10.7 ounces per square yard	2,648	127,368	-	127,368	2,720	136,950	-	136,950
2221C 03	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 51	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other denim	895	34,879	-	34,879	936	35,911	-	35,911
	More than 50 percent cotton	602	25,353	-	25,353	540	25,112	-	25,112
2211C 11	Weighing 10.7 ounces or less per square yard	249	11,296	-	11,296	241	12,783	-	12,783
2211C 13	Weighing more than 10.7 ounces per square yard	353	14,057	-	14,057	299	12,329	-	12,329
2221C 13	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 49	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other twill weaves	434	11,017	3,187	7,830	402	11,262	4,164	7,098
2211C 30	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221C 20	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221* **	All other, including spun/filament combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other weaves	2,906	73,496	11,627	61,869	3,021	75,557	12,813	62,744
	Oxfords[1]	655	26,956	(D)	(D)	743	28,483	(D)	(D)
2211D 11	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
2221D 17	All other fabrics, 85 percent or more spun yarn	-	-	-	-	-	-	-	-
22216 67	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other weaves	2,251	46,540	(D)	(D)	2,278	47,074	(D)	(D)
2211X XX	More than 50 percent cotton	456	6,637	(D)	(D)	385	5,105	(D)	(D)
2221X XX	Chiefly spun polyester mixed with cotton	759	15,785	7,288	8,497	699	16,028	8,546	7,482
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 XX	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	Pile fabrics	602	7,024	(D)	(D)	606	6,180	(D)	(D)
2211E XX	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221E XX	Chiefly manmade fiber	(D)	(D)	-	(D)	(D)	(D)	-	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Total production of oxfords, including yarn dyed, is 59,270 for third quarter 1986, and 54,732 for second quarter 1986. Production of more than 50 percent cotton was 40,323 for third quarter 1986, and 36,162 for second quarter 1986. Production of chiefly manmade was 18,947 for third quarter 1986, and 18,570 for second quarter 1986.

Table 6. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE FILAMENT YARN FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	85 percent or more filament yarn fabrics	27,138	1,139,006	29,002	1,185,441
	High tenacity yarn fabrics	1,259	21,304	1,287	21,663
22211 01	100 percent and chiefly rayon	(D)	(D)	(D)	(D)
22212 01	100 percent and chiefly nylon	587	7,433	653	9,834
22212 03	100 percent and chiefly polyester	(D)	(D)	(D)	(D)
	85 percent or more acetate or triacetate filament yarn fabrics	7,523	110,260	7,575	116,256
	Weighing not more than 5 ounces per square yard	6,753	102,068	6,807	107,202
22211 21	Plain weave	4,108	[a]60,613	3,835	[a]58,379
22211 23	Other weaves	2,645	41,455	2,972	48,823
	Weighing more than 5 ounces per square yard	770	8,192	768	9,054
22211 25	Plain weave	(D)	(D)	(D)	(D)
22211 27	Other weaves	(D)	(D)	(D)	(D)
	85 percent or more rayon filament yarn fabrics	(D)	(D)	(D)	(D)
22211 41	Weighing not more than 5 ounces per square yard	(D)	(D)	(D)	(D)
22211 43	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)
	Other chiefly rayon and/or acetate filament yarn fabrics	1,847	31,277	1,870	30,835
22211 51	Weighing not more than 5 ounces per square yard	184	3,991	203	4,234
22211 53	Weighing more than 5 ounces per square yard	1,663	[a]27,286	1,667	[a]26,601
	85 percent or more nylon filament yarn fabrics	3,421	65,685	4,099	76,115
22212 11	Typewriter and other impression fabrics	1,125	18,088	1,088	18,005
	Other 85 percent or more nylon filament yarn fabrics	2,296	47,597	3,011	58,110
	Weighing not more than 5 ounces per square yard	1,801	40,463	2,477	50,209
22212 13	Flat, non-textured	1,738	38,677	[a]2,408	48,512
22212 15	All other	63	1,786	69	1,697
	Weighing more than 5 ounces per square yard	495	7,134	[r]534	7,901
22212 23	Flat, non-textured	456	4,918	[r]495	5,321
22212 25	All other	39	2,216	[r]39	2,580
	Other chiefly nylon filament fabrics	(D)	(D)	(D)	(D)
22212 31	Weighing not more than 5 ounces per square yard	134	1,261	234	2,563
22212 33	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)
	85 percent or more polyester filament yarn fabrics	5,567	174,215	6,455	203,851
	Textured	3,923	143,280	4,712	169,985
22212 44	Weighing not more than 5 ounces per square yard[1]	2,085	62,037	[r]2,482	[r]67,522
22212 50	Weighing more than 5 ounces per square yard[1]	1,838	81,243	[r]2,230	[r]102,463
	Non-textured	1,644	30,935	1,743	33,866
	Weighing not more than 5 ounces per square yard[1]	1,436	25,963	1,444	27,159
22212 61	Flat	(D)	(D)	1,360	26,349
22212 63	Other	(D)	(D)	84	810
	Weighing more than 5 ounces per square yard[1]	208	4,972	299	6,707
22212 65	Flat	(D)	(D)	233	3,725
22212 67	Other	(D)	(D)	[b]66	[b]2,982
22212 73	Other chiefly polyester filament fabrics	[b]152	[b]871	154	[b]3,378
	Glass fiber fabrics	2,568	89,778	2,807	102,179
22212 82	Woven roving and screening	91	7,379	82	6,229
22212 89	All other glass fiber fabrics	2,477	82,399	2,725	95,950
	All other 85 percent or more filament yarn fabrics, including saran and olefin and fabrics obtained from strip, except rayon and/or acetate	4,070	[a]35,679	4,024	619,436
22212 91	Carpet backing	[a]2,571	[a]582,986	2,564	568,618
22212 93	All other	1,499	[a]52,693	1,460	50,818

Note: The percent of estimation of each item is indicated as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86-1), issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

(D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent of more from previously published figures.

[1]Classified on a finished weight basis.

Table 7. PRODUCTION AND LOOM ASSIGNMENT OF UPHOLSTERY FABRICS

(Looms operating in number; production in thousands of square yards)

Product	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Upholstery fabrics	3,156	49,352	3,058	46,500
	85 percent or more spun yarn	2,734	42,728	2,662	39,760
	Pile woven	1,209	18,440	1,169	16,662
2211E 41	All cotton and chiefly cotton	[a]359	[b]1,168	359	[b]1,232
2221E 41	All manmade and chiefly manmade	[a]850	[b]17,272	810	[a]15,430
	Flat woven	1,525	24,288	1,493	23,098
2211X 01	All cotton and chiefly cotton	241	4,652	[r]222	[r]3,792
	All manmade and chiefly manmade	1,284	19,636	1,271	19,306
2221X 01	Olefin	131	1,075	131	1,090
2221X 03	All other flat woven manmade fiber fabrics	1,153	18,561	1,140	18,216
	85 percent or more filament yarn	422	6,624	396	6,740
22212 77	All polyester and chiefly polyester	(D)	(D)	(D)	(D)
22212 78	All nylon and chiefly nylon	(D)	(D)	(D)	(D)
22212 98	All olefin and chiefly olefin	(D)	(D)	(D)	(D)
22212 99	All other filament fiber fabrics	169	1,826	164	[r]1,923

Note: These data are included in the data shown in tables 4 and 6.

See footnotes at end of table 8.

Table 8. PRODUCTION AND LOOM ASSIGNMENT OF WOOLEN AND WORSTED FABRICS, INCLUDING CHIEFLY MANMADE/WOOL BLENDS AND CHIEFLY COTTON/WOOL BLENDS

(Looms operating in number; production in thousands of square yards)

Product	Product description	Third quarter 1986		Second quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Woolen and worsted fabrics, chiefly wool (except felts)[1]	1,673	25,950	1,967	38,816
	Apparel fabrics, including government orders	1,478	23,375	1,773	36,321
	Worsted fabrics	414	6,903	714	18,081
22312 01	Weighing not more than 5.9 ounces per square yard	(D)	(D)	(D)	(D)
22312 03	Weighing more than 5.9 ounces per square yard, but not more than 8 ounces per square yard	395	[b]6,619	680	[b]17,273
22312 05	Weighing more than 8 ounces per square yard, but not more than 10 ounces per square yard	(D)	(D)	(D)	(D)
22312 07	Weighing more than 10 ounces per square yard	(D)	(D)	(D)	(D)
	Woolen fabrics	1,064	16,472	1,059	18,240
22312 21	Weighing not more than 9 ounces per square yard	(D)	(D)	(D)	(D)
22312 23	Weighing more than 9 ounces per square yard	(D)	(D)	(D)	(D)
	Nonapparel fabrics, including government orders (except felts)	195	2,575	194	2,495
22312 62	Blanketing, including thermal	[a]65	[a]1,048	[b]64	[b]987
22312 85	All other fabrics	[b]130	[b]1,527	[b]130	[b]1,508
22312 92	Woven felts (thousands of pounds)	242	[b]2,101	[a]242	[b]2,259
	Chiefly manmade/wool blend and chiefly cotton/wool blend fabrics	(D)	(D)	(D)	(D)
22219 12	Chiefly spun polyester mixed mainly or solely with wool	(D)	(D)	(D)	(D)
22219 21	All other chiefly spun fibers mixed mainly or solely with wool	(D)	(D)	(D)	(D)
22216 92	Chiefly filament polyester mixed mainly or solely with wool or spun polyester/wool blends	(D)	(D)	(D)	(D)
22216 98	All other chiefly filament yarn mixed mainly or solely with wool	(D)	(D)	-	-

Note: The percent of estimation of each item is indicated as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent or more from previously published figures.

[1]Includes fabrics principally wool or reprocessed wool by weight.

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Table 9. PRODUCTION OF TIRE CORD AND TIRE CORD FABRICS

(Thousands of pounds)

Product code	Product description	Production during quarter	
		Third quarter 1986	Second quarter 1986
22960 00	Tire cord and tire cord fabrics	104,230	108,182
22960 12	Cotton tire cord and tire cord fabrics	(D)	(D)
22960 32	Rayon tire cord and tire cord fabrics	(D)	(D)
22960 35	Nylon tire cord and tire cord fabrics	[a]35,517	40,480
22960 37	Polyester tire cord and tire cord fabrics	[a]29,906	29,070
22960 38	Glass tire cord and tire cord fabrics	[a]1,748	2,166
22960 45	Steel tire cord	[a]32,152	[a]32,811
22960 51	All other tire cord and tire cord fabrics including chafer	(D)	(D)

Note: The percent of estimation of each item is as indicated (see "Description of Survey" in the text of the first quarater 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated.

(D) Data withheld to avoid disclosing figures for individual companies.

Table 10. LOOMS IN PLACE AND LOOM HOURS OPERATED IN BROADWOVEN FABRIC MILLS

Product description	Third quarter 1986		Second quarter 1986	
	Looms in place (number)	Thousands of loom hours operated	Looms in place (number)	Thousands of loom hours operated
Total	140,892	222,647	146,463	235,470
Shuttle type looms	80,667	124,156	85,245	133,497
Single shuttle cam looms	55,103	[a]88,592	58,482	95,375
Single shuttle dobby looms	14,885	22,768	15,704	25,005
Multiple shuttle box or head motion looms	6,438	[a]7,833	6,824	[a]8,042
Double shuttle pile and plush, and jacquard looms	[a]4,241	[a]4,963	[a]4,235	[a]5,075
Shuttleless looms and weaving machines	60,225	98,491	61,218	101,973
Single filling insertion capability	37,706	62,726	38,816	65,313
Air jet looms	10,759	17,509	10,741	18,457
Water jet looms	5,810	[a]8,563	6,219	[a]9,852
Projectile looms	13,206	[a]22,655	13,899	[a]23,971
Rapier looms	7,931	[a]13,999	[a]7,957	[a]13,033
Multiple filling insertion capability	22,356	35,656	22,268	36,592
Air jet looms	1,709	[a]2,701	1,754	[a]2,866
Water jet looms	201	296	201	313
Projectile looms	9,506	[a]15,709	9,322	[a]16,196
Rapier looms	[a]10,940	[a]16,950	[a]10,991	[a]17,217
Pile and plush looms	163	109	134	68

Note: The percent of estimation of each item is as follows (see "Description of Survey" in the test of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of missing reports): [a]10 to 25 percent of this item is estimated.

MQ 22 T(86)-4

Broadwoven Fabrics (Gray)

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MQ22T(86)-4
Issued March 1987

The statistics in this publication are based on a survey of manufactures and represent total U.S. production of broadwoven fabrics over 12 inches. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the first quarter publication, MQ22T(86)-1 issued July 1986.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for the first quarter 1987 will be released on or about May 18, 1987. For further information, contact Customer Service, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1. SUMMARY OF PRODUCTION DATA FOR BROADWOVEN GRAY FABRICS, BY TYPE OF FABRIC: 1982 TO 1986

(Millions of square yards)

Year	Chiefly cotton fabrics	Manmade fiber fabrics, including silk and manmade/wool blends	Chiefly wool fabric	Tire cord and tire cord fabrics
1986				
Fourth quarter	962.7	2,797.0	27.4	114.9
Third quarter	935.6	2,559.1	27.3	105.1
Second quarter	941.9	2,675.0	38.8	108.2
First quarter	1,044.7	2,799.1	37.7	112.9
1985				
Fourth quarter	955.4	2,696.4	34.0	112.2
Third quarter	933.0	2,652.6	24.3	107.9
Second quarter	1,001.7	2,685.7	39.5	129.5
First quarter	1,030.3	2,761.9	40.6	145.9
1984				
Fourth quarter	955.2	2,878.2	36.7	143.0
Third quarter	946.6	2,921.5	29.7	135.4
Second quarter	1,031.5	3,026.3	44.3	146.3
First quarter	1,068.8	3,026.4	48.6	139.9
1983				
Fourth quarter	1,040.2	3,142.9	37.0	144.2
Third quarter	1,032.4	2,801.4	28.8	136.2
Second quarter	1,052.0	2,826.9	41.8	134.3
First quarter	1,067.5	2,689.5	36.0	128.0
1982				
Fourth quarter	986.8	2,476.5	23.6	110.0

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Bob Reinard, (301) 763-4476.

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Table 2. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF COTTON BROADWOVEN GRAY FABRICS

(Looms operating in number; production in thousands of square yards)

Product	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Chiefly cotton fabrics mixed mainly or solely with manmade fibers	39,682	962,679	40,270	935,628
	Plain weaves, excluding yarn dyed	20,190	488,168	20,624	476,523
2211B 80	Tobacco, cheese, and bandage cloth	4,520	215,186	4,687	207,086
2211B 10	Print cloth	7,465	98,345	7,449	91,026
2211B 20	Poplin and broadcloth	1,358	38,145	1,562	39,097
2211B 40	Lawns, voiles, and batistes	(D)	(D)	(D)	(D)
2211B 70	Duck	596	12,102	570	10,377
2211B 44	Bedsheeting	2,493	55,637	2,757	62,652
2211B 50	Osnaburgs	(D)	(D)	(D)	(D)
2211B 60	All other sheeting	3,020	52,820	2,954	48,989
	Twill weaves, excluding yarn dyed	2,329	52,964	2,410	47,867
2211C 21	Canton flannels	386	7,888	372	6,250
2211C 30	All other twill weaves	1,943	45,076	2,038	41,617
	All other weaves, excluding yarn dyed	3,266	49,071	3,365	49,706
2211D 80	Sateens	445	7,457	503	7,824
2211D 11	Oxfords	(D)	(D)	(D)	(D)
2211D 31	Birdseye diaper cloth	227	2,044	280	2,727
2211D 40	Table damask	(D)	(D)	(D)	(D)
2211D 51	Jacquard and dobby shirting fabrics	(D)	(D)	(D)	(D)
2211D 60	All other weaves, including tape warp duck	1,277	18,180	1,205	19,571
	Pile fabrics, excluding yarn dyed	7,743	118,630	7,881	130,466
2211E 80	Corduroy	(D)	(D)	(D)	(D)
2211E 20	Velvets, plushes, and other pile fabrics	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	5,950	87,476	5,858	94,710
2211X XX	Yarn dyed fabrics	6,154	253,846	5,990	231,066
2211F 01	Chiefly cotton fabrics mixed mainly or solely with other than manmade fibers, i.e., ramie, etc	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 3. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENTS OF MANMADE FIBER AND SILK BROADWOVEN GRAY FABRICS, BY PRODUCT CLASS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	Manmade fiber and silk gray broadwoven fabrics	89,303	2,796,954	89,166	2,559,066
2221B 00	85 percent or more filament rayon and/or acetate fabrics	9,780	138,500	10,027	147,077
2221C 00	85 percent or more filament fabrics, except rayon and/or acetate	17,585	1,203,244	16,966	991,092
	85 percent or more spun yarn fabrics, except wool blends, excluding yarn dyed	46,737	1,056,288	47,093	1,035,681
2221D 00	Plain weave, except pile	38,862	874,786	38,691	860,548
2221E 00	Twill weave, except pile	4,150	118,098	4,336	114,275
2221F 00	All other weaves, except pile	3,725	63,404	4,066	60,858
2221G 00	Spun/filament yarn combinations, except yarn dyed	9,759	281,638	9,680	269,909
2221H 00	Pile fabrics, except yarn dyed	655	8,062	637	8,994
2221X XX	Yarn dyed fabrics	3,651	85,521	3,598	84,042
2221J 00	All other chiefly manmade fiber fabrics, including chiefly manmade fiber blends with wool, and silk fabrics, including blends	1,149	23,873	1,160	22,418

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS
(EXCLUDES YARN DYED FABRIC)

(Looms operating in number; production in thousands of square yards)

Product	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Plain weaves	64,122	1,531,851	64,475	1,502,898
	Tobacco, cheese, and bandage cloth	5,160	265,837	5,429	257,440
2211B 01	85 percent or more cotton	4,520	215,186	4,687	207,086
2211B 03	All other chiefly cotton blends				
2221B 01	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 03	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 01	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Print cloth	24,095	389,370	23,534	379,115
2211B 11	85 percent or more cotton	7,465	98,345	7,449	91,026
2211B 13	All other chiefly cotton blends				
2221B 11	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 13	Chiefly spun polyester mixed with cotton	9,390	159,691	9,233	171,435
2221B 15	Chiefly spun polyester mixed with rayon	4,600	67,356	4,210	56,359
2221B 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 05	Spun/filament yarn combinations	1,604	51,554	1,448	45,482
	Poplin and broadcloth	10,528	301,981	10,914	294,766
	More than 50 percent cotton	1,358	38,145	1,562	39,097
	Weighing 5.9 ounces or less per square yard	867	24,000	1,057	21,787
2211B 21	Carded	488	12,500	646	10,546
2211B 25	Combed	379	11,500	411	11,241
	Weighing more than 5.9 ounces per square yard	491	14,145	505	17,310
2211B 31	Carded	(D)	(D)	(D)	(D)
2211B 33	Combed	(D)	(D)	(D)	(D)
2221B 21	85 percent or more spun polyester	(D)	(D)	(D)	(D)
	Chiefly spun polyester mixed with cotton	7,642	213,860	7,793	206,484
	Weighing 5.0 ounces or less per square yard	6,922	181,136	7,043	172,641
2221B 23	Carded	5,490	130,681	5,624	126,608
2221B 25	Combed	1,432	50,455	1,419	46,033
	Weighing more than 5.0 ounces per square yard	720	32,724	750	33,843
2221B 27	Carded				
2221B 31	Combed	720	32,724	750	33,843
2221B 33	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
	Spun/filament yarn combinations	1,000	36,076	996	34,713
22216 17	Weighing 5.0 ounces or less per square yard				
22216 21	Weighing more than 5.0 ounces per square yard	1,000	36,076	996	34,713
	Lawns, voiles, and batistes	1,549	22,941	1,792	31,369
2211B 41	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221B 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221B 42	All other fabrics, 85 percent or more spun yarn	-	-	-	-
22216 28	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Duck, except tape warp	1,567	34,108	1,482	32,307
	Single warp	952	23,282	r828	22,207
2211B 71	More than 50 percent cotton	306	b7,015	r289	#5,898
2221B 87	85 percent or more spun polyester	(D)	(D)	(D)	(D)
2221B 89	Chiefly spun polyester mixed with cotton	135	b1,959	148	b2,354
2221B 91	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 70	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Plied warp	615	10,826	654	10,100
2211B 73	More than 50 percent cotton	b290	#5,087	281	r4,479
2221B 93	85 percent or more spun polyester	105	1,457	146	r1,173
2221B 95	Chiefly spun polyester mixed with cotton	-	-	(D)	(D)
2221B 97	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 74	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Bedsheeting	14,824	362,733	14,811	350,629
2211B 45	More than 50 percent cotton	2,493	55,637	2,757	62,652
	Chiefly spun polyester mixed with cotton	10,638	247,732	10,234	224,664
2221B 43	Carded	3,109	75,082	3,238	73,151
2221B 45	Combed	7,529	172,650	6,996	151,513
2221B 47	All other fabrics, 85 percent or more spun yarn	(D)	(D)	-	-
22216 32	Spun/filament yarn combinations	(D)	(D)	1,820	63,313
	Osnaburgs	1,098	35,900	1,075	39,423
2211B 51	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221B 53	Chiefly spun polyester mixed with cotton	453	19,759	531	22,201
2221B 57	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 33	Spun/filament yarn combinations	(D)	(D)	-	-
	All other sheeting	5,301	118,981	5,438	117,849
	More than 50 percent cotton	3,020	52,820	2,954	48,989
2211B 61	Weighing 5.9 ounces or less per square yard	2,266	39,902	2,049	34,875
	Weighing more than 5.9 ounces per square yard	754	12,918	905	14,114
2211B 63	Blanketing	739	12,102	824	11,625
2211B 65	All other fabric	15	816	81	b2,489
	85 percent or more spun polyester	b283	13,000	r339	15,060
2221B 63	Blanketing	b104	b8,813	r137	12,689
2221B 65	All other fabric	179	4,187	202	2,371
	Chiefly spun polyester mixed with cotton	968	b13,976	1,010	b16,129
2221B 73	Weighing 5.0 ounces or less per square yard	849	b13,323	849	b13,992
2221B 75	Weighing more than 5.0 ounces per square yard	119	b653	161	b2,137

See footnotes at end of table.

Table 4. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS (EXCLUDES YARN DYED FABRIC)—Continued

(Looms operating in number; production in thousands of square yards)

Product	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	All other sheeting--Continued				
	Chiefly spun acrylic	(D)	(D)	(D)	(D)
2221B 81	Blanketing	a177	b14,143	300	16,267
2221B 83	All other fabric	(D)	(D)	(D)	(D)
2221B 85	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
	Spun/filament yarn combinations	314	14,968	274	11,163
	Weighing 5.0 ounces or less per square yard	(D)	(D)	(D)	(D)
22216 37	Textured and/or high twist	248	b12,890	253	9,827
22216 39	All other	(D)	(D)	(D)	(D)
	Weighing more than 5.0 ounces per square yard	(D)	(D)	(D)	(D)
22216 41	Textured and/or high twist	(D)	(D)	(D)	(D)
22216 43	All other	(D)	(D)	(D)	(D)
	Twill weaves	7,528	205,271	7,602	191,226
2211C 21	Canton flannels	386	7,888	372	6,250
	All other twill weaves	7,142	197,383	7,230	184,976
	More than 50 percent cotton	1,943	45,076	2,038	41,617
2211C 31	Weighing 5.9 ounces or less per square yards	582	10,415	477	8,408
2211C 33	Weighing more than 5.9 ounces per square yard	1,361	34,661	1,561	33,209
2221C 21	85 percent or more spun polyester	92	4,108	117	6,356
	Chiefly spun polyester mixed with cotton	3,303	101,233	3,464	94,551
2221C 23	Weighing 5.0 ounces or less per square yard	304	7,452	496	10,040
2221C 25	Weighing more than 5.0 ounces per square yard	2,999	93,781	2,968	84,511
2221C 27	All other fabrics, 85 percent or more spun yarn	755	12,757	755	13,368
	Spun/filament yarn combinations	1,049	34,209	856	29,084
22216 52	Weighing 5.0 ounces or less per square yard	574	20,650	515	19,700
22216 56	Weighing more than 5.0 ounces per square yard	475	13,559	341	9,384
	All other weaves	10,631	191,007	11,095	185,562
	Sateens	1,783	26,454	1,818	27,250
	More than 50 percent cotton	445	7,457	503	7,824
2211D 01	Weighing 5.9 ounces or less per square yards	445	7,457	503	7,824
2211C 03	Weighing more than 5.9 ounces per square yard				
	Chiefly spun polyester mixed with cotton	484	7,583	495	9,047
2221D 01	Weighing 5.0 ounces or less per square yard	105	1,120	99	1,002
2221D 03	Weighing more than 5.0 ounces per square yard	379	6,463	396	8,045
2221D 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 62	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	Oxfords	882	32,474	1,108	32,314
2211D 11	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton	287	a11,477	412	9,644
2221D 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 67	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
2211D 31	Birdseye diaper cloth	227	2,044	280	2,727
	Table damask	1,022	8,479	1,027	7,629
2211D 42	More than 50 percent cotton	(D)	(D)	(D)	(D)
2211D 32	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221D 37	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 81	Spun/filament yarn combinations	-	-	-	-
	Jacquard and dobby shirting fabrics	250	3,961	198	3,056
2211D 51	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221D 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)
2221D 43	All other fabric, 85 percent or more spun yarn	(D)	(D)	(D)	(D)
22216 85	Spun/filament yarn combinations	(D)	(D)	(D)	(D)
	All other weaves, including taped warp duck	6,467	117,595	6,664	112,586
	More than 50 percent cotton	1,277	18,180	1,205	19,571
2211D 61	Weighing 5.9 ounces or less per square yard	105	b1,782	r97	2,177
2211D 63	Weighing more than 5.9 ounces per square yard	1,172	16,398	1,108	17,394
2221D 51	85 percent or more spun polyester	414	6,475	478	5,215
	Chiefly spun polyester mixed with cotton	772	11,065	954	11,275
2221D 53	Weighing 5.0 ounces or less per square yard	513	8,551	539	7,469
2221D 55	Weighing more than 5.0 ounces per square yard	259	2,514	415	3,806
2221D 57	All other fabrics, 85 percent or more spun yarn	729	11,385	762	11,896
	Spun/filament yarn combinations	3,275	70,490	3,265	64,629
22216 88	Weighing 5.0 ounces or less per square yard	923	12,650	905	10,601
22216 89	Weighing more than 5.0 ounces per square yard	2,352	b57,840	2,360	54,028
	Pile fabrics	8,398	126,692	8,518	139,460
	Corduroy	1,849	32,773	2,058	38,187
	More than 50 percent cotton	(D)	(D)	(D)	(D)
2211E 01	Pinewales and piwales	937	a12,894	1,085	a17,911
2211E 03	Midwales	343	10,327	441	11,760
2211E 05	Thicksets	(D)	(D)	(D)	(D)
2211E 07	Widewales and other	(D)	(D)	(D)	(D)
2221E 01	Chiefly manmade fiber	(D)	(D)	(D)	(D)
	Velvets, plushes, and other pile fabrics	599	6,443	602	6,563
2211E 21	More than 50 percent cotton	(D)	(D)	(D)	(D)
2221E 21	Chiefly manmade fiber	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	5,950	87,476	5,858	94,710

Note: The percent of estimation of each item is as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for discussion of estimation of missing reports): a10 to 25 percent of this item is estimated. b26 to 50 percent of this item is estimated.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. rRevised by 5 percent or more from previously published figures.

Table 5. PRODUCTION AND LOOM ASSIGNMENT OF YARN DYED FABRICS, 85 PERCENT OR MORE SPUN YARN AND SPUN/FILAMENT YARN COMBINATIONS, CHIEFLY COTTON AND/OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Fourth quarter 1986				Third quarter 1986			
			Production				Production		
		Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric
	Yarn dyed fabrics	9,805	339,367	(D)	(D)	9,588	315,108	(D)	(D)
	Plain weaves	1,379	36,866	14,547	22,319	1,260	27,186	13,870	13,316
2211X XX	More than 50 percent cotton	(D)	(D)	(D)	(D)	338	7,925	1,839	6,086
2221X XX	Chiefly spun polyester mixed with cotton	537	13,346	(D)	(D)	565	13,135	8,003	5,132
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 XX	Spun/filament yarn combinations	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Twill weaves	4,671	218,643	2,406	216,237	4,791	206,813	3,187	203,626
	Blue denim	3,400	174,850	-	174,850	3,456	160,917	-	160,917
	More than 50 percent cotton	3,264	165,640	-	165,640	3,287	153,375	-	153,375
2211C 01	Weighing 10.7 ounces or less per square yard	600	33,092	-	33,092	639	26,007	-	26,007
2211C 03	Weighing more than 10.7 ounces per square yard	2,664	132,548	-	132,548	2,648	127,368	-	127,368
2221C 03	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 51	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other denim	938	35,835	-	35,835	901	34,879	-	34,879
	More than 50 percent cotton	660	29,212	-	29,212	608	25,353	-	25,353
2211C 11	Weighing 10.7 ounces or less per square yard	212	5,087	-	5,087	r156	r5,261	-	r5,261
2211C 13	Weighing more than 10.7 ounces per square yard	448	24,125	-	24,125	452	r20,092	-	r20,092
2221C 13	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 49	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other twill weaves	333	7,958	2,406	5,552	434	11,017	3,187	7,830
2211C 30	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221C 20	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221* **	All other, including spun/filament combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other weaves	3,186	77,009	12,162	64,847	2,935	74,085	11,627	62,458
	Oxfords[1]	600	27,051	(D)	(D)	655	26,956	(D)	(D)
2211D 11	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton	(D)	(D)	-	(D)	(D)	(D)	-	(D)
2221D 17	All other fabrics, 85 percent or more spun yarn	-	-	-	-	-	-	-	-
22216 67	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other weaves	2,586	49,958	(D)	(D)	2,280	47,129	(D)	(D)
2211X XX	More than 50 percent cotton	551	6,260	(D)	(D)	456	6,605	(D)	(D)
2221X XX	Chiefly spun polyester mixed with cotton	751	15,358	7,477	7,881	731	14,916	7,288	7,628
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 XX	Spun/filament yarn combinations	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	Pile fabrics	569	6,849	(D)	(D)	602	7,024	(D)	(D)
2211E XX	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221E XX	Chiefly manmade fiber	(D)	(D)	-	(D)	(D)	(D)	-	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Total production of oxfords, including yarn dyed, is 59,525 for fourth quarter 1986, and 59,270 for third quarter 1986. Production of more than 50 percent cotton was 41,807 for fourth quarter 1986, and 40,323 for third quarter 1986. Production of chiefly manmade was 17,718 for fourth quarter 1986, and 18,947 for third quarter 1986.

Table 6. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE FILAMENT YARN FABRICS

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter (number)	Production during quarter (M sq. yards)	Looms operating end of quarter (number)	Production during quarter (M sq. yards)
	85 percent or more filament yarn fabrics	27,365	1,341,744	26,993	1,138,169
	High tenacity yarn fabrics	1,300	22,931	1,301	21,412
22211 01	100 percent and chiefly rayon	(D)	(D)	(D)	(D)
22212 01	100 percent and chiefly nylon	616	7,368	629	7,541
22212 03	100 percent and chiefly polyester	(D)	(D)	(D)	(D)
	85 percent or more acetate or triacetate filament yarn fabrics	7,317	102,630	7,523	110,260
	Weighing not more than 5 ounces per square yard	[a]6,560	[a]94,782	6,753	102,068
22211 21	Plain weave	[a]4,103	[a]59,874	4,108	[a]60,613
22211 23	Other weaves	2,457	34,908	2,645	41,455
	Weighing more than 5 ounces per square yard	757	7,848	770	8,192
22211 25	Plain weave	(D)	(D)	(D)	(D)
22211 27	Other weaves	(D)	(D)	(D)	(D)
	85 percent or more rayon filament yarn fabrics	(D)	(D)	(D)	(D)
22211 41	Weighing not more than 5 ounces per square yard	(D)	(D)	(D)	(D)
22211 43	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)
	Other chiefly rayon and/or acetate filament yarn fabrics	1,793	29,522	1,847	31,277
22211 51	Weighing not more than 5 ounces per square yard	159	3,434	184	3,991
22211 53	Weighing more than 5 ounces per square yard	1,634	[a]26,088	1,663	[a]27,286
	85 percent or more nylon filament yarn fabrics	3,645	77,439	[r]3,682	[r]72,013
22212 11	Typewriter and other impression fabrics	1,481	26,975	[r]1,448	[r]25,434
	Other 85 percent or more nylon filament yarn fabrics	2,164	50,464	2,234	46,579
	Weighing not more than 5 ounces per square yard	[a]1,652	40,714	1,737	39,512
22212 13	Flat, non-textured	[a]1,559	[a]38,110	1,675	37,625
22212 15	All other	93	2,604	62	1,887
	Weighing more than 5 ounces per square yard	512	9,750	497	7,067
22212 23	Flat, non-textured	457	6,881	458	4,904
22212 25	All other	55	2,869	39	2,163
	Other chiefly nylon filament fabrics	[b](D)	[b](D)	(D)	(D)
22212 31	Weighing not more than 5 ounces per square yard	[b]140	[b]997	134	1,261
22212 33	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)
	85 percent or more polyester filament yarn fabrics	5,988	182,920	5,573	174,516
	Textured	4,133	144,631	3,915	143,284
22212 44	Weighing not more than 5 ounces per square yard[1]	2,040	52,786	2,077	62,041
22212 50	Weighing more than 5 ounces per square yard[1]	2,093	91,845	1,838	81,243
	Non-textured	1,855	38,289	1,658	31,232
	Weighing not more than 5 ounces per square yard[1]	1,455	27,315	1,446	26,158
22212 61	Flat	(D)	(D)	(D)	(D)
22212 63	Other	(D)	(D)	(D)	(D)
	Weighing more than 5 ounces per square yard[1]	400	10,975	212	5,074
22212 65	Flat	(D)	(D)	(D)	(D)
22212 67	Other	(D)	(D)	(D)	(D)
22212 73	Other chiefly polyester filament fabrics	127	[b]1,041	[b]151	[b]871
	Glass fiber fabrics	2,803	96,272	2,567	89,778
22212 82	Woven roving and screening	91	6,691	90	7,379
22212 89	All other glass fiber fabrics	2,712	89,581	2,477	82,399
	All other 85 percent or more filament yarn fabrics, including saran and olefin and fabrics obtained from strip, except rayon and/or acetate	[a]4,082	[a]827,039	[a]4,070	[a]635,679
22212 91	Carpet backing	[a]2,573	[a]773,102	[a]2,571	[a]582,986
22212 93	All other	1,509	53,937	1,499	[a]52,693

Note: The percent of estimation of each item is indicated as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86-1), issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

(D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent of more from previously published figures.

[1]Classified on a finished weight basis.

Table 7. PRODUCTION AND LOOM ASSIGNMENT OF UPHOLSTERY FABRICS

(Looms operating in number; production in thousands of square yards)

Product	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Upholstery fabrics	3,258	51,545	3,172	48,604
	85 percent or more spun yarn	2,690	40,961	2,607	r38,679
	Pile woven	1,058	13,722	1,038	13,416
2211E 41	All cotton and chiefly cotton	a359	a1,021	a359	a1,101
2221E 41	All manmade and chiefly manmade	699	12,701	r679	r12,315
	Flat woven	1,632	27,239	1,569	25,263
2211X 01	All cotton and chiefly cotton	269	4,885	253	4,954
	All manmade and chiefly manmade	1,363	22,354	1,316	20,309
2221X 01	Olefin	130	1,152	131	1,075
2221X 03	All other flat woven manmade fiber fabrics	1,233	21,202	1,185	19,234
	85 percent or more filament yarn	568	10,584	r565	r9,925
22212 77	All polyester and chiefly polyester	(D)	(D)	(D)	(D)
22212 78	All nylon and chiefly nylon	(D)	(D)	(D)	(D)
22212 98	All olefin and chiefly olefin	(D)	(D)	(D)	(D)
22212 99	All other filament fiber fabrics	171	2,223	169	1,826

Note: These data are included in the data shown in tables 4 and 6.

See footnotes at end of table 8.

Table 8. PRODUCTION AND LOOM ASSIGNMENT OF WOOLEN AND WORSTED FABRICS, INCLUDING CHIEFLY MANMADE/WOOL BLENDS AND CHIEFLY COTTON/WOOL BLENDS

(Looms operating in number; production in thousands of square yards)

Product	Product description	Fourth quarter 1986		Third quarter 1986	
		Looms operating end of quarter	Production during quarter	Looms operating end of quarter	Production during quarter
	Woolen and worsted fabrics, chiefly wool (except felts)[1]	1,595	27,433	1,685	27,292
	Apparel fabrics, including government orders	1,422	25,048	1,487	24,344
	Worsted fabrics	393	7,812	413	6,903
22312 01	Weighing not more than 5.9 ounces per square yard	(D)	(D)	(D)	(D)
22312 03	Weighing more than 5.9 ounces per square yard, but not more than 8 ounces per square yard	b379	b7,523	395	b6,619
22312 05	Weighing more than 8 ounces per square yard, but not more than 10 ounces per square yard	(D)	(D)	(D)	(D)
22312 07	Weighing more than 10 ounces per square yard	(D)	(D)	(D)	(D)
	Woolen fabrics	1,029	17,236	1,074	17,441
22312 21	Weighing not more than 9 ounces per square yard	(D)	(D)	(D)	(D)
22312 23	Weighing more than 9 ounces per square yard	(D)	(D)	(D)	(D)
	Nonapparel fabrics, including government orders (except felts)	173	2,385	198	r2,948
22312 62	Blanketing, including thermal	56	b861	a60	a1,018
22312 85	All other fabrics	b117	b1,524	b138	b1,930
22312 92	Woven felts (thousands of pounds)	244	b2,363	243	b2,098
	Chiefly manmade/wool blend and chiefly cotton/wool blend fabrics	(D)	(D)	(D)	(D)
2221F 12	Chiefly spun polyester mixed mainly or solely with wool	(D)	(D)	(D)	(D)
2221F 21	All other chiefly spun fibers mixed mainly or solely with wool	(D)	(D)	(D)	(D)
22216 92	Chiefly filament polyester mixed mainly or solely with wool or spun polyester/wool blends	(D)	(D)	(D)	(D)
22216 98	All other chiefly filament yarn mixed mainly or solely with wool	(D)	(D)	(D)	(D)

Note: The percent of estimation of each item is indicated as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of estimation of missing reports): [a]10 to 25 percent of this item is estimated. [b]26 to 50 percent of this item is estimated.

(D) Data withheld to avoid disclosing figures for individual companies. [r]Revised by 5 percent or more from previously published figures.

[1]Includes fabrics principally wool or reprocessed wool by weight.

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Table 9. PRODUCTION OF TIRE CORD AND TIRE CORD FABRICS

(Thousands of pounds)

Product code	Product description	Production during quarter	
		Fourth quarter 1986	Third quarter 1986
22960 00	Tire cord and tire cord fabrics	114,898	105,124
22960 12	Cotton tire cord and tire cord fabrics	(D)	(D)
22960 32	Rayon tire cord and tire cord fabrics	(D)	(D)
22960 35	Nylon tire cord and tire cord fabrics	41,567	35,931
22960 37	Polyester tire cord and tire cord fabrics	31,135	30,524
22960 38	Glass tire cord and tire cord fabrics	1,334	1,760
22960 45	Steel tire cord	37,180	32,883
22960 51	All other tire cord and tire cord fabrics including chafer	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 10. LOOMS IN PLACE AND LOOM HOURS OPERATED IN BROADWOVEN FABRIC MILLS

Product description	Fourth quarter 1986		Third quarter 1986	
	Looms in place (number)	Thousands of loom hours operated	Looms in place (number)	Thousands of loom hours operated
Total	139,882	230,427	140,834	222,911
Shuttle type looms	79,059	124,925	80,588	124,136
Single shuttle cam looms	54,733	a90,496	55,107	a88,565
Single shuttle dobby looms	13,926	a21,768	14,844	22,768
Multiple shuttle box or head motion looms	6,103	a7,542	6,404	a7,829
Double shuttle pile and plush, and jacquard looms	4,297	a5,119	a4,233	a4,974
Shuttleless looms and weaving machines	60,823	105,502	60,246	98,775
Single filling insertion capability	38,077	67,751	37,727	63,041
Air jet looms	10,863	18,702	10,759	17,552
Water jet looms	5,874	a9,094	5,871	a8,875
Projectile looms	13,285	24,427	13,166	a22,615
Rapier looms	8,055	15,528	7,931	a13,999
Multiple filling insertion capability	22,571	37,527	22,356	35,625
Air jet looms	a1,720	a3,198	1,709	2,694
Water jet looms	201	316	201	296
Projectile looms	9,633	a16,213	9,506	a15,701
Rapier looms	a11,017	a17,800	a10,940	a16,934
Pile and plush looms	175	224	163	109

Note: The percent of estimation of each item is as follows (see "Description of Survey" in the text of the first quarter 1986 report, MQ22T(86)-1, issued July 1986, for a discussion of missing reports): a10 to 25 percent of this item is estimated.

MQ 22 T(86)-5

Broadwoven Fabrics (Gray)

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U.S. Department of Commerce
BUREAU OF THE CENSUS

SUMMARY FOR 1986

MQ22T(86)-5
Issued June 1987

SUMMARY FOR FINDINGS

Production of cotton broadwoven goods increased by 11.3 percent in 1986 from 3,920.5 million square yards in 1985 to 4,364.1 million square yards in 1986.

Production of manmade fiber fabrics decreased 0.3 percent in 1986 from 10,796.6 million square yards in 1985 to 10,764.2 million square yards in 1986. Production of 85 percent or more filament yarn fabrics increased by 4.0 percent, while production of 85 percent or more spun yarn fabrics decreased by 8.4 percent.

Production of woolen and worsted fabrics increased from 138.3 million square yards in 1985 to 139.5 million square yards in 1986.

A description of the survey methodology and other related information appears on page 15.

Table 1. SUMMARY OF PRODUCTION DATA FOR BROADWOVEN GRAY FABRICS, BY TYPE OF FABRIC: 1982 TO 1986

(Millions of square yards)

Year	Chiefly cotton fabrics	Manmade fiber fabrics, including silk and manmade/wool blends	Chiefly wool fabric	Tire cord and tire cord fabrics
1986				
Fourth quarter	1,129.3	2,785.4	30.2	116.0
Third quarter	1,095.2	2,561.5	27.8	105.9
Second quarter	1,102.6	2,659.8	41.2	108.8
First quarter	1,037.0	2,757.5	40.2	112.8
1985				
Fourth quarter	955.4	2,696.4	34.0	112.2
Third quarter	933.0	2,652.6	24.3	107.9
Second quarter	1,001.7	2,685.7	39.5	129.5
First quarter	1,030.3	2,761.9	40.6	145.9
1984				
Fourth quarter	955.2	2,878.2	36.7	143.0
Third quarter	946.6	2,921.5	29.7	135.4
Second quarter	1,031.5	3,026.3	44.3	146.3
First quarter	1,068.8	3,026.4	48.6	139.9
1983				
Fourth quarter	1,040.2	3,142.9	37.0	144.2
Third quarter	1,032.4	2,801.4	28.8	136.2
Second quarter	1,052.0	2,826.9	41.8	134.3
First quarter	1,067.5	2,689.5	36.0	128.0
1982				
Fourth quarter	986.8	2,476.5	23.6	110.0
Third quarter	868.2	2,322.9	20.2	112.7
Second quarter	960.5	2,442.5	36.3	127.9
First quarter	978.9	2,518.5	41.0	147.5

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Robert Reinard, (301) 763-4476.

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C 3. 158:

Table 2. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF COTTON BROADWOVEN GRAY FABRICS: 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Looms operating end of year	Production during year
	Chiefly cotton fabrics mixed mainly or solely with manmade fibers	41,439	4,364,089
	Plain weaves	22,258	2,517,321
2211B 80	Tobacco, cheese, and bandage cloth	5,122	1,350,205
2211B 10	Print cloth	8,281	428,161
2211B 20	Poplin and broadcloth	1,364	139,885
2211B 40	Lawns, voiles, and batistes	(D)	(D)
2211B 70	Duck, including tape warp duck	668	53,625
2211B 44	Bedsheeting	2,528	242,810
2211B 60	All other sheeting, including osnaburgs	3,616	257,118
2211B XX	Yarn dyed plain weaves	(D)	(D)
	All other weaves	10,957	1,303,749
2211C 21	Canton flannels	386	27,010
2211C 10	Denim	3,924	749,996
2211C 30	All other twill weaves, except yarn dyed	1,960	158,107
2211C XX	Yarn dyed twill weaves	(D)	(D)
2211D 80	Sateens	450	29,695
2211D 11	Oxfords	(D)	(D)
2211D 40	Table damask	(D)	(D)
2211D 51	Jacquard and dobby shirting fabrics	(D)	(D)
2211D 60	All other weaves, including birdseye diaper cloth	2,008	119,674
2211D XX	All other weaves, yarn dyed	1,358	135,106
	Pile fabrics, including yarn dyed	8,224	543,019
2211E 80	Corduroy	(D)	(D)
2211E 20	Velvets, plushes, and other pile fabrics	(D)	(D)
2211E 31	Terry toweling and terry cloth	6,347	381,590
2211F 01	Chiefly cotton fabrics mixed mainly or solely with other than manmade fibers, i.e., ramie, etc	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 3. SUMMARY OF PRODUCTION AND LOOM ASSIGNMENT OF MANMADE FIBER AND SILK FABRICS, BY PRODUCT CLASS: 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Looms operating end of year	Production during year
	Manmade fiber and silk gray broadwoven fabrics	88,870	10,764,212
2221B 00	85 percent or more filament rayon and/or acetate fabrics	9,741	590,854
2221C 00	85 percent or more filament fabrics, except rayon and/or acetate	17,822	4,356,678
	85 percent or more spun yarn fabrics, except wool blends	48,563	4,490,637
2221D 00	Plain weave, except pile	39,456	3,585,439
2221E 00	Twill weave, except pile	4,593	556,901
2221F 00	All other weaves, except pile	4,514	348,297
22216 00	Spun/filament yarn combinations	(D)	(D)
2221H 00	Pile fabrics	927	55,963
2221J 00	All other chiefly manmade fiber fabrics, including chiefly manmade fiber blends with wool blends	(D)	(D)
2221F 01	Silk fabrics	205	5,277

(D) Data withheld to avoid disclosing figures for individual companies.

Table 4A. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS AND PILE FABRICS (EXCLUDES YARN DYED FABRIC): 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Plain weaves	60,368	5,977,186	64,782	1,436,325	62,081	1,519,393	60,893	1,496,720	60,368	1,524,748
	Tobacco, cheese, and bandage cloth	5,749	1,549,934	6,058	364,056	6,085	398,691	6,019	389,783	5,749	397,404
2211B 01	85 percent or more cotton	5,122	1,350,205	5,239	319,296	5,288	344,419	5,283	339,576	5,122	346,914
2211B 03	All other chiefly cotton blends										
2221B 01	85 percent or more spun polyester	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 03	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 07	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Print cloth	23,174	1,392,242	22,816	333,777	22,804	339,990	23,201	359,644	23,174	358,831
2211B 11	85 percent or more cotton	8,281	429,161	7,948	96,734	7,717	104,759	8,265	110,105	8,281	117,563
2211B 13	All other chiefly cotton blends										
2221B 11	85 percent or more spun polyester	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 13	Chiefly spun polyester mixed with cotton	9,172	635,486	9,197	152,177	9,367	153,669	9,023	170,660	9,172	158,980
2221B 15	Chiefly spun polyester mixed with rayon	4,600	257,476	4,561	66,982	4,537	61,724	4,634	61,414	4,600	67,356
2221B 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Poplin and broadcloth	9,534	1,055,365	10,669	266,857	9,879	263,041	9,914	259,875	9,534	265,592
	More than 50 percent cotton	1,364	139,885	1,245	31,257	1,340	31,830	1,558	38,942	1,364	37,856
	Weighing 5.9 ounces or less per square yard	867	81,086	880	17,261	862	18,038	1,057	21,787	867	24,000
2211B 21	Carded	488	43,751	592	10,032	534	10,673	646	10,546	488	12,500
2211B 25	Combed	379	37,335	288	7,229	328	7,365	411	11,241	379	11,500
	Weighing more than 5.9 ounces per square yard	497	58,799	365	13,996	478	13,792	501	17,155	497	13,856
2211B 31	Carded	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211B 33	Combed	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 21	85 percent or more spun polyester	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Chiefly spun polyester mixed with cotton	7,642	863,879	8,841	224,217	8,044	219,365	7,793	206,461	7,642	213,836
	Weighing 5.0 ounces or less per square yard	6,922	740,705	7,842	194,247	7,351	192,728	7,043	172,618	6,922	181,112
2221B 23	Carded	5,490	545,664	6,254	143,324	5,985	145,051	5,624	126,608	5,490	130,681
2221B 25	Combed	1,432	195,041	1,588	50,923	1,366	47,677	1,419	46,010	1,432	50,431
	Weighing more than 5.0 ounces per square yard	720	123,174	999	29,970	693	26,637	750	33,843	720	32,724
2221B 27	Carded	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 31	Combed	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 33	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Lawns, voiles, and batistes	1,337	80,662	1,529	11,592	1,426	24,164	1,382	24,447	1,337	20,459
2211B 41	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 42	All other fabrics, 85 percent or more spun yarn	-	-	-	-	-	-	-	-	-	-
	Duck, including tape warp duck	1,244	105,668	1,227	27,451	1,143	28,555	1,166	23,930	1,244	25,732
	Single warp	701	64,607	638	15,717	591	16,261	605	15,035	701	16,594
2211B 71	More than 50 percent cotton	285	23,012	346	6,063	279	5,508	270	5,322	285	6,119
2221B 87	85 percent or more spun polyester	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 89	Chiefly spun polyester mixed with cotton	114	8,744	136	2,900	116	2,148	127	2,013	114	1,683
2221B 91	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Plied warp	543	41,061	589	11,734	552	12,294	561	7,895	543	9,138
2211B 73	More than 50 percent cotton	383	30,613	472	9,149	427	9,639	374	5,359	383	6,466
2221B 93	85 percent or more spun polyester	109	5,723	63	1,612	72	1,366	130	1,231	109	1,514
2221B 95	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 97	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 4A. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS AND PILE FABRICS (EXCLUDES YARN DYED FABRIC): 1986—Continued

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Sheeting	13,722	1,248,874	17,079	305,535	15,265	322,500	13,446	299,117	13,722	321,722
2211B 45	More than 50 percent cotton	2,528	242,810	3,449	54,451	2,916	62,934	2,757	62,652	2,528	62,773
	Chiefly spun polyester mixed with cotton	11,194	1,006,064	13,630	251,084	12,349	259,566	10,689	236,465	11,194	258,949
2221B 43	Carded	2,728	273,211	2,771	67,256	2,662	70,307	2,737	66,475	2,728	69,173
2221B 45	Combed	8,466	732,853	10,859	183,828	9,687	189,259	7,932	169,990	8,466	189,776
2221B 47	All other fabrics, 85 percent or more spun yarn	-	-	-	-	-	-	-	-	(1)	(1)
	All other sheeting including osnaburgs[2]	5,608	544,441	5,404	127,057	5,479	142,452	5,765	139,924	5,608	135,008
	More than 50 percent cotton	3,616	257,118	3,288	58,844	3,093	65,981	3,454	64,848	3,616	67,445
2211B 61	Weighing 5.9 ounces or less per square yard	2,329	142,776	1,803	30,002	1,718	37,771	2,112	34,978	2,329	40,025
	Weighing more than 5.9 ounces per square yard	1,287	114,342	1,485	28,842	1,375	28,210	1,342	29,870	1,287	27,420
2211B 63	Blanketing	662	46,846	674	12,684	641	11,817	746	10,961	662	11,384
2211B 65	All other fabric[2]	625	67,496	811	16,158	734	16,393	596	18,909	625	16,036
	85 percent or more spun polyester	283	56,055	344	13,673	438	15,622	339	13,760	283	13,000
2221B 63	Blanketing	104	44,833	203	11,429	263	13,202	137	11,389	104	8,813
2221B 65	All other fabric	179	11,222	141	2,244	175	2,420	202	2,371	179	4,187
	Chiefly spun polyester mixed with cotton	966	126,663	1,020	31,047	1,072	33,524	1,086	33,021	966	29,071
2221B 73	Weighing 5.0 ounces or less per square yard	394	37,219	403	9,221	401	10,656	394	8,683	394	8,659
2221B 75	Weighing more than 5.0 ounces per square yard[2]	572	89,444	617	21,826	671	22,868	692	24,338	572	20,412
	Chiefly spun acrylic	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 81	Blanketing	177	49,035	307	10,376	309	13,249	300	14,067	177	11,343
2221B 83	All other fabric	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B 85	All other fabrics, 85 percent or more spun yarn[2]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Twill weaves	6,435	692,339	7,357	186,941	7,129	173,845	6,699	161,726	6,435	169,827
2211C 21	Canton flannels	386	27,010	365	6,687	366	6,185	372	6,250	386	7,888
	All other twill weaves	6,049	665,329	6,992	180,254	6,763	167,660	6,327	155,476	6,049	161,939
	More than 50 percent cotton	1,960	158,107	1,376	35,969	1,740	35,191	2,046	41,744	1,960	45,203
2211C 31	Weighing 5.9 ounces or less per square yards	582	34,001	395	8,407	380	6,771	477	8,408	582	10,415
2211C 33	Weighing more than 5.9 ounces per square yard	1,378	124,106	981	27,562	1,360	28,420	1,569	33,336	1,378	34,788
2221C 21	85 percent or more spun polyester	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Chiefly spun polyester mixed with cotton	3,237	431,070	4,382	127,064	3,758	110,237	3,404	93,958	3,237	99,821
2221C 23	Weighing 5.0 ounces or less per square yard	304	42,651	556	13,728	539	11,431	496	10,040	304	7,452
2221C 25	Weighing more than 5.0 ounces per square yard	2,933	388,419	3,826	113,336	3,219	98,796	2,908	83,918	2,933	92,369
2221C 27	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	All other weaves	6,730	477,726	7,843	118,830	7,192	118,451	7,191	119,267	6,730	121,178
	Sateens	1,399	78,686	1,415	20,426	1,420	19,966	1,434	19,275	1,399	19,019
	More than 50 percent cotton	450	29,695	495	6,127	564	8,373	508	7,785	450	7,410
2211D 01	Weighing 5.9 ounces or less per square yards	450	29,695	495	6,127	564	8,373	508	7,785	450	7,410
2211C 03	Weighing more than 5.9 ounces per square yard										

See footnotes at end of table.

Table 4A. PRODUCTION AND LOOM ASSIGNMENT OF 85 PERCENT OR MORE SPUN YARN FABRICS AND BLENDS, CHIEFLY COTTON OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK, AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS AND PILE FABRICS (EXCLUDES YARN DYED FABRIC): 1986--Continued

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Sateens--Continued										
	Chiefly spun polyester mixed with cotton	337	21,918	359	6,100	281	5,149	348	5,743	337	4,926
2221D 01	Weighing 5.0 ounces or less per square yard										
2221D 03	Weighing more than 5.0 ounces per square yard	337	21,918	359	6,100	281	5,149	348	5,743	337	4,926
2221D 07	All other fabrics, 85 percent or more spun yarn	612	27,073	561	8,199	575	6,444	578	5,747	612	6,683
	Oxfords	661	90,127	1,100	17,832	888	18,964	884	25,967	661	27,364
2211D 11	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton	194	31,347	541	6,800	236	6,463	319	8,327	194	9,757
2221D 17	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Table damask	484	21,678	424	4,037	512	6,322	486	5,231	484	6,088
2211D 42	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211D 32	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 37	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Jacquard and dobby shirting fabrics	228	10,926	180	3,568	152	1,992	170	2,133	228	3,233
2211D 51	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 41	Chiefly spun polyester mixed with cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 43	All other fabric, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	All other weaves, including birdseye diaper cloth	3,958	276,309	4,724	72,967	4,533	71,207	4,217	66,661	3,958	65,474
	More than 50 percent cotton	2,008	119,674	2,073	28,954	2,161	32,460	1,988	29,998	2,008	28,262
2211D 61	Weighing 5.9 ounces or less per square yard	502	42,642	652	11,174	653	11,938	547	10,304	502	9,226
2211D 63	Weighing more than 5.9 ounces per square yard	1,506	77,032	1,421	17,780	1,508	20,522	1,441	19,694	1,506	19,036
2221D 51	85 percent or more spun polyester	414	21,893	385	5,116	411	5,087	478	5,215	414	6,475
	Chiefly spun polyester mixed with cotton	714	51,784	1,267	16,274	1,046	13,199	896	11,259	714	11,052
2221D 53	Weighing 5.0 ounces or less per square yard	489	36,443	835	10,833	714	9,616	515	7,456	489	8,538
2221D 55	Weighing more than 5.0 ounces per square yard	225	15,341	432	5,441	332	3,583	381	3,803	225	2,514
2221D 57	All other fabrics, 85 percent or more spun yarn	822	82,958	999	22,623	915	20,461	855	20,189	822	19,685

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Included with 2221B 47 to avoid disclosing figures for individual companies. Represents less than one-tenth of 1 percent of the total.
[2] Includes osnaburgs to avoid disclosing figures for individual companies. See table 4B for separate data on osnaburgs.

Table 4B. PRODUCTION OF OSNABURGS: 1986

(Thousands of square yards)

Product description	Total	First quarter	Second quarter	Third quarter	Fourth quarter
Osnaburgs	148,987	35,502	37,357	39,827	36,301
Polyester/cotton	84,493	20,635	21,900	22,201	19,757
Other	64,494	14,867	15,457	17,626	16,544

Table 5. PRODUCTION AND LOOM ASSIGNMENT OF PILE FABRICS (INCLUDES YARN DYED FABRIC): 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Pile fabrics	9,151	598,982	10,075	152,404	9,842	159,645	9,290	149,928	9,151	137,005
	Corduroy	1,849	171,494	2,764	49,125	2,629	51,409	2,058	38,187	1,849	32,773
	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211E 01	Finewales and pinwales	937	77,326	1,435	21,345	1,398	25,176	1,085	17,911	937	12,894
2211E 03	Midwales	343	48,197	564	13,212	629	12,898	441	11,760	343	10,327
2211E 05	Thicksets	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211E 07	Widewales and other	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221E 01	Chiefly manmade fiber	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Velvets, plushes, and other pile fabrics	955	45,898	942	11,486	948	10,887	962	11,847	955	11,678
2211E 21	More than 50 percent cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221E 21	Chiefly manmade fiber	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211E 31	Terry toweling and terry cloth	6,347	381,590	6,369	91,793	6,265	97,349	6,270	99,894	6,347	92,554

(D) Data withheld to avoid disclosing figures for individual companies.

Table 6. PRODUCTION AND LOOM ASSIGNMENT OF SPUN/FILAMENT YARN COMBINATION FABRICS, EXCEPT DENIM (INCLUDES YARN DYED FABRICS): 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Total, spun/filament combinations, except denim	10,646	1,150,516	10,849	288,737	10,756	281,156	10,293	284,460	10,646	296,163
22216 05	Print cloth	1,515	171,154	977	37,213	898	38,936	1,359	44,541	1,515	50,464
22216 18	Poplin and broadcloth	1,033	154,183	1,289	41,530	1,156	37,464	1,034	37,170	1,033	38,019
22216 32	Sheeting	1,822	253,803	2,204	61,121	2,354	64,053	1,950	66,421	1,822	62,208
22216 36	All other sheeting	191	22,514	104	3,807	189	5,000	147	6,106	191	7,601
22216 67	Oxfords	137	24,262	216	5,002	309	8,923	181	7,042	137	3,295
	Twill weaves, except denim	1,063	134,180	1,123	37,051	994	31,544	951	31,095	1,063	34,490
22216 52	Weighing 5.0 ounces or less per square yard	588	94,628	780	29,748	680	22,238	610	21,711	588	20,931
22216 56	Weighing more than 5.0 ounces per yard	475	39,552	343	7,303	314	9,306	341	9,384	475	13,559
22216 62	Sateens	350	29,248	462	9,271	325	6,018	350	6,867	350	7,092
22216 90	All other	4,535	361,172	4,474	93,742	4,531	89,218	4,321	85,218	4,535	92,994

Table 7. PRODUCTION AND LOOM ASSIGNMENTS OF 85 PERCENT OR MORE FILAMENT YARN FABRICS (GRAY): 1986

(Thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	85 percent or more filament yarn fabrics	27,563	4,947,532	28,883	1,287,808	28,920	1,184,937	27,507	1,140,907	27,563	1,333,880
	High tenacity yarn fabrics	1,300	89,729	1,416	23,723	1,287	21,663	1,301	21,412	1,300	22,931
22211 01	100 percent and chiefly rayon	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22212 01	100 percent and chiefly nylon	616	36,096	761	11,353	653	9,834	629	7,541	616	7,368
22212 03	100 percent and chiefly polyester	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	85 percent or more acetate or triacetate filament yarn fabrics	7,278	446,258	7,658	115,788	7,536	116,960	7,484	110,667	7,278	102,843
	Weighing not more than 5 ounces per square yard	6,401	402,865	6,772	103,944	6,648	105,621	6,594	100,380	6,401	92,920
22211 21	Plain weave	3,983	231,260	3,788	58,244	3,715	56,524	3,988	58,691	3,983	57,801
22211 23	Other weaves	2,418	171,605	2,984	45,700	2,933	49,097	2,606	41,689	2,418	35,119
	Weighing more than 5 ounces per square yard	877	43,393	886	11,844	888	11,339	890	10,287	877	9,923
22211 25	Plain weave	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22211 27	Other weaves	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	85 percent or more rayon filament yarn fabrics	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22211 41	Weighing not more than 5 ounces per square yard	-	(D)	-	(D)	-	-	-	-	-	-
22211 43	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other chiefly rayon and/or acetate filament yarn fabrics	1,806	121,417	1,892	29,759	1,883	30,842	1,860	31,285	1,806	29,531
22211 51	Weighing not more than 5 ounces per square yard	172	15,202	235	3,519	216	4,241	197	3,999	172	3,443
22211 53	Weighing more than 5 ounces per square yard	1,634	106,215	1,657	26,240	1,667	26,601	1,663	27,286	1,634	26,088
	85 percent or more nylon filament yarn fabrics	3,681	321,846	4,286	87,281	4,440	84,024	3,717	72,399	3,681	78,142
22212 11	Typewriter and other impression fabrics	1,481	107,170	1,436	28,740	1,415	26,021	1,448	25,434	1,481	26,975
	Other 85 percent or more nylon filament yarn fabrics	2,200	214,676	2,850	58,541	3,025	58,003	2,269	46,965	2,200	51,167
	Weighing not more than 5 ounces per square yard	1,662	180,468	2,463	50,428	2,466	49,714	1,747	39,562	1,662	40,764
22212 13	Flat, non-textured	1,559	170,956	2,355	47,254	2,387	47,967	1,675	37,625	1,559	38,110
22212 15	All other	103	9,512	108	3,174	79	1,747	72	1,937	103	2,654
	Weighing more than 5 ounces per square yard	538	34,208	387	8,113	559	8,289	522	7,403	538	10,403
22212 23	Flat, non-textured	482	23,474	264	4,991	520	5,709	483	5,240	482	7,534
22212 25	All other	56	10,734	123	3,122	39	2,580	39	2,163	56	2,869
	Other chiefly nylon filament fabrics	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22212 31	Weighing not more than 5 ounces per square yard	133	7,089	236	2,487	227	2,438	127	1,204	133	960
22212 33	Weighing more than 5 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	85 percent or more polyester filament yarn fabrics	6,025	757,271	6,295	194,653	6,336	203,460	5,872	175,067	6,025	184,091
	Textured	4,133	617,910	4,741	160,010	4,569	169,985	4,177	143,284	4,133	144,631
22212 44	Weighing not more than 5 ounces per square yard[1]	2,040	258,627	2,469	76,278	2,461	67,522	2,077	62,041	2,040	52,786
22212 43	Flat	1,012	168,232	1,062	45,376	1,191	42,325	1,167	46,562	1,012	33,969
22212 45	Other	1,028	90,395	1,407	30,902	1,270	25,197	910	15,479	1,028	18,817
22212 50	Weighing more than 5 ounces per square yard[1]	2,093	359,283	2,272	83,732	2,106	102,463	2,100	81,243	2,093	91,845
	Non-textured	1,892	139,361	1,554	34,643	1,767	33,475	1,695	31,783	1,892	39,460
22212 62	Weighing not more than 5 ounces per square yard[1]	1,497	115,922	1,384	31,273	1,483	28,498	1,488	27,497	1,497	28,654
22212 66	Weighing more than 5 ounces per square yard[1]	395	23,439	170	3,370	284	4,977	207	4,286	395	10,806
22212 73	Other chiefly polyester filament fabrics	102	6,787	118	2,105	129	3,021	126	772	102	889
	Glass fiber fabrics	2,806	376,665	2,622	88,451	2,810	102,181	2,570	89,765	2,806	96,268
22212 82	Woven roving and screening	2,806	376,665	2,622	88,451	2,810	102,181	2,570	89,765	2,806	96,268
22212 89	All other glass fiber fabrics										
	All other 85 percent or more filament yarn fabrics, including saran and olefin and fabrics obtained from strip, except rayon and/or acetate	4,148	2,813,301	4,182	742,040	4,093	618,657	4,167	636,368	4,148	816,236
22212 91	Carpet backing	2,586	2,587,499	2,620	679,003	2,577	566,556	2,584	582,050	2,586	759,890
22212 93	All other	1,562	225,802	1,562	63,037	1,516	52,101	1,583	54,318	1,562	56,346

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Classified on a finished weight basis.

Table 8. PRODUCTION AND LOOM ASSIGNMENT OF YARN DYED FABRIC 85 CHIEFLY COTTON AND/OR MANMADE FIBERS, EXCLUDING BLENDS OF WOOL, SILK,

(Looms operating in number; production

Product code	Product description	Total				First quarter			
			Production				Production		
		Looms operating end of year	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric
	Yarn dyed fabrics, except spun/filament yarn.....	8,355	1,201,415	126,015	1,075,400	8,812	306,518	35,677	270,841
	Plain weaves combinations.....	1,346	125,574	(D)	(D)	1,848	34,152	(D)	(D)
2211B XX	More than 50 percent cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B XX	Chiefly spun polyester mixed with cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221B XX	All other fabrics, 85 percent or more spun yarn.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Twill weaves.....	4,657	860,574	(D)	(D)	4,824	217,767	(D)	(D)
	Blue denim.....	3,400	685,998	-	686,038	3,573	175,618	-	175,618
	More than 50 percent cotton.....	3,264	646,990	-	646,990	3,353	164,185	-	164,185
2211C 01	Weighing 10.7 ounces or less per square yard.	600	114,868	-	114,868	579	28,929	-	28,929
2211C 03	Weighing more than 10.7 ounces per square yard.....	2,664	532,122	-	592,122	2,774	135,256	-	135,256
2221C 03	Chiefly spun polyester mixed with cotton.....	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 51	Spun/filament yarn combinations.....	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other denim.....	938	141,599	-	141,599	944	34,974	-	34,974
	More than 50 percent cotton.....	660	103,006	-	103,006	548	23,329	-	23,329
2211C 11	Weighing 10.7 ounces or less per square yard.	212	20,365	-	20,365	141	5,027	-	5,027
2211C 13	Weighing more than 10.7 ounces per square yard.....	448	82,641	-	82,641	407	18,302	-	18,302
2221C 13	Chiefly spun polyester mixed with cotton.....	(D)	(D)	-	(D)	(D)	(D)	-	(D)
22216 49	Spun/filament yarn combinations.....	(D)	(D)	-	(D)	(D)	(D)	-	(D)
	All other twill weaves, except spun/filament yarn combinations.....	319	32,977	(D)	(D)	307	7,175	(D)	(D)
2211C 30	More than 50 percent cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221C 20	Chiefly spun polyester mixed with cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	All other weaves.....	2,352	215,267	53,716	161,551	2,140	54,599	13,682	40,917
	Oxfords[1].....	638	106,146	(D)	(D)	673	25,719	(D)	(D)
2211D 11	More than 50 percent cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221D 11	Chiefly spun polyester mixed with cotton.....	(D)	(D)	-	(D)	(D)	(D)	-	(D)
2221D 17	All other fabrics, 85 percent or more spun yarn	-	-	-	-	-	-	-	-
	All other weaves.....	1,714	109,121	(D)	(D)	1,467	28,880	(D)	(D)
2211X XX	More than 50 percent cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221X XX	Chiefly spun polyester mixed with cotton.....	775	63,827	(D)	(D)	740	17,485	(D)	(D)
2221X XX	All other fabrics, 85 percent or more spun yarn	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 99	Spun/filament yarn combinations, except denim.....	1,244	121,346	(D)	(D)	1,417	33,362	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Total production of oxfords, including yarn dyed is 43,551 for fourth quarter; 46,119 for third quarter; 51,714 for second quarter; and 54,889 for first quarter. Production of more than 50 percent cotton was 34,674 for fourth quarter; 36,253 for third quarter; 40,037 for second quarter; and 41,593 for first quarter. Production of chiefly manmade was 8,877 for fourth quarter; 9,866 for third quarter; 11,677 for second quarter; and 13,296 for first quarter.

PERCENT OR MORE SPUN YARN, AND SPUN/FILAMENT YARN COMBINATIONS
AND CHIEFLY COTTON/OTHER VEGETABLE FIBERS AND PILE FABRICS: 1986

in thousands of square yards)

Second quarter				Third quarter				Fourth quarter				
	Production				Production				Production			
Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Looms operating end of quarter	Total	Ginghams, plaids, and checks	Stripes and other yarn dyed fabric	Product code
8,359	305,011	34,228	270,783	8,128	281,840	27,511	254,329	8,355	308,046	28,599	279,447	
1,406	31,723	(D)	(D)	1,222	24,759	(D)	(D)	1,346	34,940	(D)	(D)	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2211B XX
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2221B XX
												2221B XX
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
4,783	219,659	(D)	(D)	4,696	204,802	(D)	(D)	4,657	218,346	(D)	(D)	
3,541	174,613	-	174,613	3,456	160,917	-	160,917	3,400	174,850	-	174,850	
3,296	163,790	-	163,790	3,287	153,375	-	153,375	3,264	165,640	-	165,640	
576	26,840	-	26,840	639	26,007	-	26,007	600	33,092	-	33,092	2221C 01
												2221C 03
2,720	136,950	-	136,950	2,648	127,368	-	127,368	2,664	132,548	-	132,548	
(D)	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	2221C 03
(D)	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	22216 51
936	35,911	-	35,911	901	34,879	-	34,879	938	35,835	-	35,835	
540	25,112	-	25,112	608	25,353	-	25,353	660	29,212	-	29,212	
127	4,990	-	4,990	156	5,261	-	5,261	212	5,087	-	5,087	2211C 11
												2211C 13
413	20,122	-	20,122	452	20,092	-	20,092	448	24,125	-	24,125	
(D)	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	2221C 13
(D)	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	22216 49
306	9,135	(D)	(D)	339	9,006	(D)	(D)	319	7,661	(D)	(D)	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2211C 30
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2221C 20
2,170	53,629	13,745	39,884	2,210	52,279	12,765	39,514	2,352	54,760	13,524	41,236	
683	27,155	(D)	(D)	(D)	25,747	(D)	(D)	638	27,525	(D)	(D)	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2211D 11
(D)	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	(D)	2221D 11
-	-	-	-	-	-	-	-	-	-	-	-	2221D 17
1,487	26,474	(D)	(D)	1,571	26,532	(D)	(D)	1,714	27,235	(D)	(D)	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2211X XX
723	16,040	(D)	(D)	755	14,929	(D)	(D)	775	15,373	(D)	(D)	2221X XX
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2221X XX
1,337	30,084	(D)	(D)	1,183	29,349	(D)	(D)	1,244	28,551	(D)	(D)	22216 99

Table 9. PRODUCTION AND LOOM ASSIGNMENTS OF UPHOLSTERY FABRICS: 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Upholstery fabrics	3,728	260,633	3,986	68,371	3,559	64,091	3,644	62,436	3,728	65,735
	85 percent or more spun yarn	3,031	213,533	3,169	56,798	2,891	52,696	2,950	50,871	3,031	53,168
	Pile woven	1,117	60,309	1,099	17,051	1,066	16,452	1,097	13,300	1,117	13,506
2211E 41	All cotton and chiefly cotton	505	8,689	503	2,143	505	2,310	505	2,162	505	2,074
2221E 41	All manmade and chiefly manmade	612	51,620	596	14,908	561	14,142	592	11,138	612	11,432
	Flat woven	1,914	153,224	2,070	39,747	1,825	36,244	1,853	37,571	1,914	39,662
2211X 01	All cotton and chiefly cotton	308	16,739	217	2,456	273	4,202	292	5,078	308	5,003
	All manmade and chiefly manmade	1,606	136,485	1,853	37,291	1,552	32,042	1,561	32,493	1,606	34,659
2221X 01	Olefin										
2221X 03	All other flat woven manmade fiber fabrics	1,606	136,485	1,853	37,291	1,552	32,042	1,561	32,493	1,606	34,659
	85 percent or more filament yarn	697	47,100	817	11,573	668	11,395	694	11,565	697	12,567
22212 77	All polyester and chiefly polyester	122	10,624	226	3,458	105	2,205	121	2,348	122	2,613
22212 78	All nylon and chiefly nylon	-	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)
22212 98	All olefin and chiefly olefin	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22212 99	All other filament fiber fabrics	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: These data are included in the data shown in tables 4, 5, 6, and 7.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 10. PRODUCTION AND LOOM ASSIGNMENTS OF WOOLEN AND WORSTED FABRICS, INCLUDING CHIEFLY MANMADE/WOOL BLENDS AND CHIEFLY COTTON/WOOL BLENDS: 1986

(Looms operating in number; production in thousands of square yards)

Product code	Product description	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
		Looms operating end of year	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production	Looms operating	Production
	Woolen and worsted fabrics, chiefly wool (except felts)[1]	2,163	139,510	1,953	40,249	1,911	41,247	1,723	27,777	2,163	30,237
	Apparel fabrics, including government orders	1,995	129,354	1,781	37,617	1,737	38,774	1,544	25,121	1,995	27,842
	Worsted fabrics	887	45,641	678	15,413	628	16,246	423	6,598	887	7,384
22312 01	Weighing not more than 5.9 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22312 03	Weighing more than 5.9 ounces per square yard, but not more than 8 ounces per square yard	867	43,504	657	14,880	588	15,363	399	6,241	867	7,020
22312 05	Weighing more than 8 ounces per square yard, but not more than 10 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22312 07	Weighing more than 10 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Woolen fabrics	1,108	83,713	1,103	22,204	1,109	22,528	1,121	18,523	1,108	20,458
22312 21	Weighing not more than 9 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22312 23	Weighing more than 9 ounces per square yard	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Nonapparel fabrics, including government orders (except felts)	168	10,156	172	2,632	174	2,473	179	2,656	168	2,395
22312 62	Blanketing, including thermal	55	3,811	65	978	63	974	60	1,006	55	853
22312 85	All other fabrics	113	6,345	107	1,654	111	1,499	119	1,650	113	1,542
22312 92	Woven felts (thousands of pounds)	247	8,170	264	1,993	249	2,078	246	1,927	247	2,172
	Chiefly manmade/wool blend and chiefly cotton/wool blend fabrics	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221F 12	Chiefly spun polyester mixed mainly or solely with wool	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2221F 21	All other chiefly spun fibers mixed mainly or solely with wool	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 92	Chiefly filament polyester mixed mainly or solely with wool or spun polyester/wool blends	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22216 98	All other chiefly filament yarn mixed mainly or solely with wool	-	(D)	-	-	-	(D)	-	(D)	-	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

[1] Includes fabrics principally wool or reprocessed wool by weight.

Table 11. PRODUCTION OF TIRE CORD AND TIRE CORD FABRICS: 1986

(Thousands of pounds)

Product code	Product description	Total	First quarter	Second quarter	Third quarter	Fourth quarter
22960 00	Tire cord and tire cord fabrics	443,575	112,828	108,838	105,930	115,979
22960 12	Cotton tire cord and tire cord fabrics	(D)	(D)	-	(D)	(D)
22960 32	Rayon tire cord and tire cord fabrics	(D)	(D)	(D)	(D)	(D)
22960 35	Nylon tire cord and tire cord fabrics	161,381	43,700	40,380	35,831	41,470
22960 37	Polyester tire cord and tire cord fabrics	121,651	30,654	29,159	30,614	31,224
22960 38	Glass tire cord and tire cord fabrics	7,564	2,160	2,215	1,810	1,379
22960 45	Steel tire cord	135,514	30,141	33,443	33,675	38,255
22960 51	All other tire cord and tire cord fabrics including chafer	(D)	(D)	(D)	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 12. LOOMS IN PLACE AND LOOM HOURS OPERATED IN BROADWOVEN FABRIC MILLS: 1986

(Loom hours in thousands)

Type of loom	Total		First quarter		Second quarter		Third quarter		Fourth quarter	
	Looms in place Jan. 3, 1987	Loom hours operated	Looms in place	Loom hours operated	Looms in place	Loom hours operated	Looms in place	Loom hours operated	Looms in place	Loom hours operated
Total	141,259	940,519	151,832	241,105	148,467	239,090	142,814	226,728	141,259	233,596
Shuttle type looms	79,661	527,741	89,267	138,674	86,279	135,772	81,622	126,537	79,661	126,758
Single shuttle cam looms	54,946	378,288	60,951	99,489	59,127	96,993	55,752	90,222	54,946	91,584
Single shuttle dobby looms	14,445	98,127	16,593	25,836	16,223	25,862	15,363	23,711	14,445	22,718
Multiple shuttle box or headmotion looms	6,070	31,588	7,594	8,284	6,791	8,005	6,371	7,793	6,070	7,506
Double shuttle pile and plush and jacquard looms	4,200	19,738	4,129	5,065	4,138	4,912	4,136	4,811	4,200	4,950
Shuttleless looms and weaving machines	61,598	412,778	62,565	102,431	62,188	103,318	61,192	100,191	61,598	106,838
Single filling insertion capability	38,421	264,411	39,695	66,438	39,355	66,077	38,165	63,599	38,421	68,297
Air jet looms	11,308	74,942	11,334	18,385	11,186	19,071	11,204	18,168	11,308	19,318
Water jet looms	5,775	37,830	6,526	9,837	6,315	10,036	5,871	8,869	5,775	9,088
Projectile looms	13,246	95,404	13,808	24,502	13,860	23,933	13,127	22,581	13,246	24,388
Rapier looms	8,092	56,235	8,027	13,714	7,994	13,037	7,963	13,981	8,092	15,503
Multiple filling insertion capability	22,568	145,504	22,310	35,370	22,265	36,462	22,430	35,919	22,568	37,753
Air jet looms	1,714	10,920	1,591	2,410	1,651	2,658	1,703	2,678	1,714	3,174
Water jet looms	201	1,218	201	293	201	313	201	296	201	316
Projectile looms	9,576	63,595	9,104	15,532	9,249	16,035	9,484	15,777	9,576	16,251
Rapier looms	11,077	69,771	11,414	17,135	11,164	17,456	11,042	17,168	11,077	18,012
Pile and plush looms	609	2,863	560	623	568	779	597	673	609	788

Table 13. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF BROADWOVEN FABRICS: 1986

(Quantity in thousands of square yards; value in thousands of dollars)

Product code	Product description	Manufacturers' shipments[1] (quantity)	Imports for consumption[2] Quantity	Imports for consumption[2] Value[3]	Percent imports to manufacturers' shipments (quantity)	Exports of domestic merchandise[4] Quantity	Exports of domestic merchandise[4] Value	Percent exports to manufacturers' shipments (quantity)	Apparent consumption[5]
	Cotton fabric[6]	4,764,089	1,641,797	1,110,743	37.6	176,385	282,607	4.0	5,829,501
2211B 02	Cheesecloth	1,350,205	56,317	122,127	4.2	[7]13,061	[7]6,094	1.0	1,393,461
2211B 11	Print cloth	429,161	374,726	173,928	87.3	[7]6,008	[7]8,831	1.4	797,879
	Poplin and broadcloth	139,885	275,842	167,526	197.2	[7]2,343	[7]3,512	1.7	413,384
2211B 23	Weighing 5.9 ounces or less per square yard	81,086	272,284	159,278	335.8	[7]2,343	[7]3,512	1.7	413,384
2211B 32	Weighing more than 5.9 ounces per square yard	58,799	3,558	8,248	6.1				
2211B 41	Lawns, voiles, and batistes	(D)	6,607	6,325	(D)	[7]224	[7]113	(D)	(D)
2211B 72	Duck, including tape warp	53,625	88,471	64,016	165.0	[7]1,674	[7]3,278	3.1	140,422
	Sheeting	499,928	445,192	244,533	89.1	[7]8,119	[7]9,802	1.6	937,001
2211B 62	Weighing 5.9 ounces or less per square yard, including bedsheeting	385,586	424,380	226,451	110.1	[7]8,119	[7]9,802	1.6	937,001
2211B 64	Weighing more than 5.9 ounces per square yard (including osnaburgs)	114,342	20,812	18,082	18.2				
2211D 42	Table damask	(D)	1,490	2,236	(D)				
2211D 11	Oxfords	(D)	11,392	20,133	(D)	([8])	([8])	(D)	(D)
2211D 51	Shirting, jacquard or dobby	(D)	5,577	7,292	(D)				
2211C 32 2211D 02	Twill and sateens	187,802	207,222	169,806	110.3	[7]22,576	[7]43,253	12.0	372,448
2211D 62	All other constructions	146,684	[9]75,626	[9]97,485	51.6	[7 8]31,092	[7 8]52,682	(NA)	(NA)
2211X XX	Yarn dyed fabric	948,898	83,578	113,161	8.8	83,661	143,415	8.8	948,815
2211E 00	Pile fabrics, including yarn dyed	543,019	9,757	22,175	1.8	7,627	11,627	1.4	545,149
	Manmade fiber fabrics	10,764,212	963,430	1,353,029	9.0	229,556	406,233	2.1	11,498,086
	85% or more filament yarn fabrics	4,947,532	409,416	578,319	8.3	151,409	276,587	3.1	5,205,537
22212 02	Nylon and polyester high tenacity fabric	(D)	5,887	10,939	(D)	([10])	([10])	(NA)	(NA)
22211 01	Rayon high tenacity fabric	(D)	2,257	3,059	(D)	([11])	([11])	(NA)	(NA)
22212 11	Typewriter fabric	107,170	2,871	3,053	2.7	([12])	([12])	(NA)	(NA)
22211 45	Rayon and/or acetate filament yarn fabrics	(D)	14,923	27,339	(D)	8,518	11,733	(D)	(D)
22212 45	Polyester filament yarn fabric	764,058	305,945	450,560	40.0	67,286	73,976	8.8	1,002,717
22212 83	Glass fiber fabric	376,665	22,302	21,201	5.9	11,769	18,051	3.1	387,198
22212 20	Nylon filament yarn fabric	(D)	22,194	21,853	(D)	12,559	18,361	(D)	(D)
22212 92	All other filament yarn fabric	2,813,301	33,037	40,315	1.2	51,277	154,466	1.8	2,795,061
	85% or more spun yarn fabric	4,490,637	333,358	269,975	7.4	42,215	67,269	0.9	4,781,780
2221B 02	Cheesecloth	199,729	8,469	2,514	4.2				
	Poplin broadcloth	915,480	56,556	40,568	6.2				
	Polyester/cotton	863,879	51,310	28,932	5.9				
2221B 24	Weighing 5.0 ounces or less per square yard	740,705	48,884	25,001	6.6				
2221B 28	Weighing more than 5.0 ounces per square yard	123,174	2,426	3,931	2.0				
2221B 34	All other spun yarns	51,601	5,246	11,636	10.2				
	Print cloth	963,081	115,107	63,632	12.0				
2221B 13	Polyester/cotton	635,486	56,891	15,808	9.0				
2221B 16	All other spun yarns	327,595	58,216	47,824	17.8				
2221B 43	Lawns, voiles, and batistes	(D)	9,808	5,671	(D)				
2221B 88	Duck	52,043	151	637	0.3	39,949	59,555	0.9	4,781,780
	Sheeting	1,293,387	52,392	40,322	4.1				
	Polyester/cotton	1,132,727	30,559	12,006	2.7				
2221B 73	Weighing 5.0 ounces or less per square yard	1,043,283	29,801	10,732	2.9				
2221B 75	Weighing more than 5.0 ounces per square yard	89,444	758	1,274	0.8				
2221B 64	All other spun yarn	160,660	21,833	28,316	13.6				
2221C 00 2221D 08	Sateens or twills	556,213	30,011	26,411	5.4				
2221D 13	Oxford	(D)	268	334	(D)				
2221D 54	All other spun manmade fiber fabrics	175,551	23,712	46,330	13.5				
2221X XX	Yarn dyed fabric	215,558	32,920	27,909	15.3				
2221E 00	Pile fabrics	55,963	3,964	15,647	7.1	2,266	7,714	4.0	57,661
22216 00	Spun/filament yarn combinations	(D)	97,597	133,398	(D)	35,453	59,713	(D)	(D)
2221F 14 22216 94	Chiefly manmade/wool blends	(D)	89,656	154,157	(D)	([13])	([13])	(NA)	(NA)
2221F 01	Silk fabrics	5,277	33,403	217,180	633.0	479	2,664	9.1	38,201
22310 00	Wool fabrics	139,510	35,633	231,700	25.5	1,284	9,409	0.9	173,859
2211X 11 2299X XX	Other chiefly cotton fabrics blended with wool or other vegetable fibers; and other vegetable fiber fabrics	(D)	317,309	179,164	(D)	2,871	3,143	(D)	(D)

Note: Fabric blends as shown in Current Industrial Reports Series MQ22T are reported based on the chief weight of the fiber whereas fabric blends as shown for imports and exports are based on the chief value of the fiber.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. (NA) Not available since import, export, and domestic output data are not comparable.

[1] Represents production of gray broadwoven fabrics; import and export data represent gray as well as finished broadwoven fabrics. For a comparison of Standard Industrial Classification (SIC) based product codes with Schedule B export numbers and TSUSA import numbers, see table 14.

[2] Source: Bureau of the Census Report IM 146, U.S. Imports for Consumption.

[3] This dollar value represents the c.i.f. (cost, insurance, and freight) at the first port of entry in the United States plus calculated import duty.

[4] Source: Bureau of the Census Report EM 546, U.S. Exports.

[5] Apparent consumption represents new domestic supply and is derived by subtracting exports from the total manufacturers' shipments plus imports.

[6] Includes all cotton and chiefly cotton mixed with manmade fiber.

[7] May include some yarn dyed fabric.

[8] Included in product code 2211D 62 since separate export data are not available.

[9] Includes cotton tapestry fabrics some of which may be yarn dyed.

[10] Included in product code 22212 20 and 22212 45.

[11] Included in product code 22211 45.

[12] Included with fiber type.

[13] Included in product code 2221B 02-2221D 54.

Table 14. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION CODES (DOMESTIC OUTPUT), SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS

Domestic output	Import numbers	Export numbers
2211B 02	320.0144-331.9845	320.1100, 321.2100
2211B 11	320.0127-331.9827 320.0131-331.9831	320.1355, 321.2925
2211B 23	320.0113-331.9813 320.0118-331.9824 320.0126-331.9826	320.1345 321.2921, 321.2922
2211B 32	320.0171-331.9874 320.0176-331.9876	
2211B 41	320.0142-331.9842	321.2955, 321.2960
2211B 72	320.0163-331.9863 320.0166-331.9866	320.1315, 321.2905
2211B 62	320.0133-331.9834 320.0138-331.9838	
2211B 64	320.0177-331.9877 320.0180-331.9880 320.0182-331.9882	320.1330, 321.2912, 321.2915
2211D 42	320.0109-331.9809 320.0111-331.9811 320.0159-331.9859 320.0161-331.9861	
2211D 11	320.0101-331.9801 320.0103-331.9803	320.1305 pt., 320.1375 pt. 321.2965 pt., 321.2977 pt.
2211D 51	320.0105-331.9805 320.0107-331.9807	
2211X XX	320.0155-331.0156 320.0197-331.0197 320.0102-331.9802 320.0104-331.9804 320.0108-331.9808 320.0110-331.9810 320.0114-331.9817 320.0128-331.9830 320.0135-331.9837 320.0143-331.9843 320.0158-331.9858 320.0162-331.9862 320.0167-331.9870 320.0178-331.9879 320.0106-331.9806 320.0112-331.9812 320.0125-331.9825 320.0132-331.9832 320.0139-331.9841 320.0146-331.9848 320.0160-331.9860 320.0164-331.9865 320.0175-331.9875 320.0181-331.9881 320.0151-331.9851 320.0153-331.9853 320.0183-331.9890	321.2920, 321.2940, 321.2966 321.2907, 321.2909
2211C 32 2211D 02	320.0150-331.9850 320.0191-331.9896 320.0152-331.9852 320.0154-331.9854	320.1325, 321.2906, 321.2910 321.2911
2211D 62	319.2100-319.2900 320.0157-331.9857 320.0198-331.9898 357.0512-357.0530	320.1305 pt., 320.1375 pt. 321.2965 pt., 321.2977 pt.
2211E 00	346.0500-346.4000 346.4560	346.0600-346.4600
22212 02	338.5903	(NA)
22211 01	338.5904	(NA)
22212 11	338.5001 338.5002	(NA)
22211 45	338.5906, 338.5907 338.4003, 338.5923	338.2910
22212 45	338.4004, 338.5910-338.5921 338.5926-338.5935	338.2931-338.2936
22212 83	338.2500, 338.2700	338.2600
22212 20	338.4005, 338.5908, 338.5909 338.5924, 338.5925	349.2040,349.2060, 338.2920,338.2940
22212 92	338.5905, 338.5922 338.5936	
2221B 02	338.5938, 338.5939	338.2950 pt.-338.2970 pt. 346.6010-346.6085
2221B 24	338.5943	
2221B 28	338.5977	
2221B 34	338.5941, 338.5944 338.5976, 338.5978	
2221B 13	338.5948	
2221B 16	338.5946, 338.5949 338.5950	
2221B 43	338.5957, 338.5959	
2221B 88	338.5960, 338.5973	
2221B 73	338.5974, 338.5954	
2221B 75	338.5982	
2221B 64	338.5952, 338.5955 338.5980, 338.5983	
2221C 00	338.5962-338.5964 338.5988, 338.5990	
2221D 08	338.5991 338.5993-338.5994	
2221D 13	338.5966, 338.5968	
2221D 54	338.5970, 338.5971 338.5996, 338.5997	
2221X XX	338.5942, 338.5947 338.5953, 338.5958 338.5967, 338.5981 338.5985, 338.5987 338.5989	(NA)
2221E 00	346.5820-346.6265	346.6010-346.6085
22216 00	338.5937, 338.5940 338.5945, 338.5951 338.5956, 338.5961 338.5965, 338.5972 338.5969, 338.5975 338.5979, 338.5984 338.5987, 338.5992 338.5995, 338.5998	338.2975-338.2990
2221F 14 22216 94	338.1000-338.1572	338.2950 pt.-338.2970 pt.
2221F 01	337.1000-337.9035	337.0000
22310 00	336.1000-336.6457	336.0520-336.0580, 346.5200
2211X 11	335.1020-335.5000	335.4000, 335.8000
2299X XX	335.4022-335.9500	346.6600

(NA) Not available. pt. Partial.

DESCRIPTION OF SURVEY

Scope of Survey. This survey covers all companies manufacturing broadwoven fabrics (gray) in the United States, except very small firms (generally less than 5 employees) for which 1982 Census of Manufactures data were derived from administrative records of other Government agencies.

Survey Methodology. The statistics in this publication were collected by mail on Bureau of the Census quarterly Form MQ22T, Broadwoven Fabrics (Gray). The survey panel includes all known manufacturers of broadwoven fabrics (gray), except those very small firms excluded from the scope of the survey. Approximately 425 establishments are included.

This survey has been revised for 1986 to provide for increased comparability to the data published for imports and exports. Data are now shown by weave, construction, and fiber for spun yarn fabrics and spun/filament yarn combination fabrics whereas information for filament yarn fabrics is shown by fiber type. The detailed data as shown for 1986 are not directly comparable, in most cases, to that shown in previous years in the MQ22T. See the explanation of terms for a detailed description of the fabrics included in this survey.

Participation in the quarterly survey is voluntary. However, annual reports are required from those establishments that do not report quarterly. The annual summary includes revisions of quarterly data originally estimated (see "Reliability of Data" below) for establishments which only report annually.

Reliability of Data. Survey error may result from several sources: (1) inability to obtain information about all cases in the survey, (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses. Although no direct measurement of the biases due to nonsampling errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence.

A major source of bias in the published estimates is due to imputing data for nonrespondents, for late reporters, and for data which failed the edit. Missing figures are imputed based on quarter-to-quarter movements shown by reporting firms. Imputation generally is limited to a maximum of 10 percent for any one data cell. Figures with imputation rates greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual quarterly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 25 percent should be used with caution.

Revisions to Previous Period Data. Statistics for previous quarters may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

EXPLANATION OF TERMS

Woolen and Worsted Fabrics, Chiefly Wool. Fabrics wholly or chiefly by weight of wool, reprocessed wool, or reused wool. Apparel fabrics include all fabrics that may be labeled as being made entirely of wool, reprocessed wool, and reused wool under the Wool Products Labeling Act. This includes blends of wool of sheep with, and fabrics entirely of mohair, cashmere, camel hair, alpaca, llama, and vicuna.

Cotton Fabrics. Fabrics wholly or chiefly by weight of cotton.

Manmade Fiber Fabrics. Fabrics wholly or chiefly by weight of manmade fibers.

Blends and Mixtures. Fabrics made from more than one fiber are classified in the same way as other fabrics, i.e., according to whether the fabric is chiefly cotton, wool, or manmade fiber. As examples, a fabric which is 55 percent cotton and 45 percent rayon is classified as cotton; a fabric which is 40 percent cotton, 30 percent rayon, and 30 percent acetate is classified as manmade.

Blends and mixture which are by weight 50 percent natural fiber and 50 percent manmade fiber are, for purposes of continuity, classified in the manmade category.

Production. Represents total production of broadwoven gray fabrics by all weaving mills regardless of their primary activity.

Units of Quantity. Production is reported in thousands of square yards except for tire cord and tire cord fabrics, which are reported in thousands of pounds.

Looms Operating. Represents number of looms (assigned to the specific fabrics) operating at the end of the quarter.

Spun Yarn Fabrics. Includes all fabrics that contain 85 percent or more spun yarns.

Filament Yarn Fabrics. Includes all fabrics that contain 85 percent or more filament yarns.

Spun/Filament Combinations. Includes fabrics that are combinations of spun and filament yarn where neither the spun or filament yarns exceed 85 percent.

Plain Weave Fabrics. A fabric construction in which each yarn of the weft passes alternately over and under successive yarns of the warp and each yarn of the warp passes alternately over and under successive yarns of the weft.

Tobacco, Cheese, and Bandage Cloth. Fabrics of plain weave, weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric) consisting of 85 or less warp ends and filling picks per square inch whether or not napped.

Print Cloth. Fabrics of plain weave, weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric) of average yarn numbers 26-40, consisting of more than 85 singles yarns per square inch, of square construction, whether or not of yarns of different colors (yarn dyed), whether or not napped.

Poplin and Broadcloth. Fabrics of plain weave, not of square construction, whether or not napped, but does not include the following types—fabrics weighing not more than 5.9 ounces per square yard, containing 85 or less warp ends and filling picks per square inch, or fabrics weighing more than 5.9 ounces per square yard of average yarn number 15 or lower.

Lawns, Voiles, and Batistes. Fabrics of plain weave weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric) consisting of more than 85 warp ends and filling picks per square inch, of square construction, of average yarn number 41 or higher, whether or not napped.

Sheeting. Fabrics of plain weave, whether or not napped, of the following types:

Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric), of square construction, containing more than 85 warp end and filling picks per square inch, of average yarn number 40 or lower, but not including print cloth.

Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric) but does not include fabrics of which the warp or filling, or both, consists of multiple (folded) or cabled yarns, of average yarn number 15 or lower or fabrics of average yarn number 16 or higher number, not of square construction.

Twill Weave Fabrics. Fabrics in which the warp and filling yarns are interlaced in such a manner as to produce a diagonal or bias effect on the face of the fabric.

Blue Denim. Fabrics of 3 or 4- thread twill, including broken twill, warp faced, the warp yarns of which are dyed blue and the weft yarns of which are unbleached, bleached, dyed grey or colored a lighter shade of blue than that of the warp yarns.

All Other Denim. Includes sport denims and all other denim not include above.

Canton Flannel. Fabric woven with a four-harness warp face twill with heavy, soft filling yarn, and a medium count warp. A long nap is raised on the back.

All Other Weaves

Sateens. Fabrics woven with a satin weave, whether or not napped, in which the surface of the cloth consists almost entirely of warp or filling floats; that is, in the repeat of a weave pattern, each yarn of one system passes over several yarns of the other system before interlacing.

Oxfords. Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric), whether or not napped, woven as plain weave except that two or more warp ends are woven as one (taped warp). Oxford cloth is not to be classified as a plain weave fabric.

Duck. Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces per square yard (chiefly cotton fabric), of average yarn number 15 or lower number, whether or not napped, of a plain weave where the warp or filling or both, consists of multiple (folded) or cabled yarns.

Taped Warp Duck. Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabric) or 5.9 ounces (chiefly cotton fabric), of average yarn number 15 or lower number, whether or not napped, of a plain weave except that two or more warp ends are woven as one (tape warp) whether or not containing multiple (folded) or cabled yarns.

Shirting, Jacquard or Dobby. Fabrics weighing not more than 5 ounces per square (chiefly manmade fiber) or 5.9 ounces per square yard (chiefly cotton fiber) whether or not napped, woven wholly or in part with jacquard or dobby attachment.

Table Damask. Fabrics, whether or not napped, woven wholly or in part with jacquard or dobby attachment characterized by elaborate decorative designs, usually of floral patterns. The designs are reversible and are formed by warp-face satin weave. Table damask is generally all white, although it is sometimes made with colored stripes or in solid pastel shades.

Ginghams, Plaids, and Checks. Yarn dyed fabrics composed of two or more colors in the warp and two or more colors in the filling.

Stripes and Other Yarn Dyed Fabrics. Yarn dyed fabrics composed of any number of colors in the warp but only one color in the filling.

High Tenacity Yarn Fabric. Fabric made from yarns having a tenacity, expressed in centinewtons per tex (cN/tex) greater than 60 cN/tex for multiple (folded) or cabled yarns of nylon or polyester; or 27 c/N tex for multiple (folded), cabled, or singles yarns of viscose rayon.

Flat Fabrics. Fabrics containing yarns having less than twelve turns per inch.

COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; on the other hand, the export and import classification system is more materials oriented. Also, there are a substantial number of imported commodities which have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to the problems mentioned above, there are also the following problems affecting the comparability of the three sets of data.

Valuation. There are different methods of valuation for the three types of data:

- *Domestic Output.* Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

- *Exports.* Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance and other charges to the export point.
  Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

- *Imports.* Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

Duplication in Quantity and Value of Output. Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

Low-Value Import and Export Transactions. Detailed commodity information is not included for individual export shipments valued at not more than $1,000. Generally, detailed commodity information is not included for individual import shipments valued at not more than $1,000. For textiles and textile products, gloves, footwear, and miscellaneous rubber and plastics products, detailed commodity information is not included for individual import shipments valued at not more than $250. This is believed to have only negligible effects on the statistics for the bulk of the commodities.

Manufacturers' Shipments, Not Specified by Kind. The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

Time Lag Between Output and Exports. There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

"Direct" vs "Total" Commodity Exports and Imports. Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

Used Commodities. With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

Geographic Area of Coverage. Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory (includes the 50 States, the District of Columbia, and Puerto Rico).

HISTORICAL NOTE

Data on broadwoven fabrics (gray) have been collected by the Bureau of the Census since 1943. Historical data may be obtained from Current Industrial Reports (called Facts for Industry before 1959) available at your local Federal Depository Library. A list of these libraries may be obtained from the Bureau of the Census regional offices:

Office	Telephone
Atlanta, Georgia	(404) 347-2271
Boston, Massachusetts	(617) 223-2327
Charlotte, North Carolina	(704) 371-6142
Chicago, Illinois	(312) 353-6251
Dallas, Texas	(214) 767-0621
Denver, Colorado	(303) 236-2200
Detroit, Michigan	(313) 226-7742
Kansas City, Kansas	(816) 374-4601
Los Angeles, California	(213) 209-6616
New York, New York	(212) 264-3860
Philadelphia, Pennsylvania	(215) 597-4920
Seattle, Washington	(206) 442-7828

Historical data are also available on microfiche. For further information, contact the Bureau of the Census, Data User Services Division (301) 763-4100.

RELATED REPORTS

A quarterly Current Industrial Report is published in this series. The Bureau of the Census also publishes the following related reports:

Series	Frequency	Title
M22D	Monthly	*Consumption on the Woolen System and Worsted Combing*
M22P	Monthly	*Consumption on the Cotton System and Stocks*
MQ23X	Quarterly	*Sheets, Pillowcases, and Towels*
MA22F.1	Annually	*Textured Yarn Production*
MA22F.2	Annually	*Spun Yarn Production*
MA22G	Annually	*Narrow Fabrics*
MA22K	Annually	*Knit Fabric Production*
MA22Q	Annually	*Carpet and Rugs*
MA22S	Annually	*Broadwoven Fabrics Finished*
MA22M	Biennially	*Stocks of Wool and Related Fibers*
MA23A	Annually	*Apparel*
MA23D	Annually	*Gloves and Mittens*
Other Industrial Reports		
M3-1	Monthly	*Manufacturers' Shipments, Inventories, and Orders*
(AS)	Annually	Annual Survey of Manufactures (ASM)
(MC)	Quinquennially	Census of Manufactures
Foreign Trade Reports		
EM546 FT446	Monthly Annually	*U.S. Exports—Schedule B—Commodity by Country*
IM146 FT 246	Monthly Annually	*U.S. Imports for Consumption—TSUSA—Commodity by Country*

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report MQ22T	Bob Reinard	(301) 763-4476
Manufacturers' Shipments, Inventories, and Orders	Kathleen Menth	(301) 763-2575
Classification Systems Comparability	James Kristoff (ESD)	(301) 763-1935
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To order a Census Bureau publication	Customer Services (DUSD)	(301) 763-4100
Foreign Trade	Trade Data Inquiries Staff (FTD)	(301) 763-5140
Office of Textiles	James Bennett	(202) 377-4058

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We, The Black Americans

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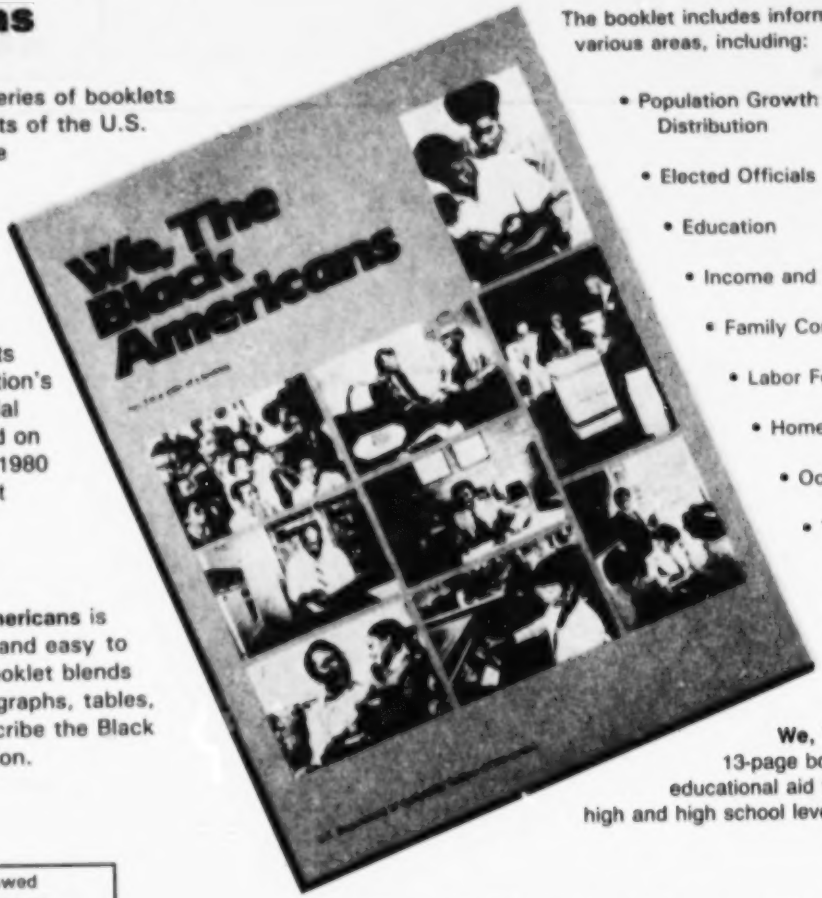

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